1204	Mostafa	Abdelhamid	8/4/21	1:45 PM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Device	RED SHIFTING BLUE LEDS EMISSION FROM BLUE TO YELLOW
1226	Satoshi	Abe	8/3/21	4:00 PM	Invited	Biological and Biomimetic Materials	DESIGN OF IN-CELL PROTEIN CRYSTALS FOR DEVELOPMENT
2004	Benjamin	Abecassis	8/3/21	11:00 AM	Invited	Nanocrystals, quantum dots, and nanowires	Small Angle X-ray Scattering insights into the fundamental processes g
1127	Moahmmed	Abo Alreesh	8/2/21	1:45 PM	Contributed	Bulk Crystal Growth	AN EXPERIMENTAL APPROACH TO CONTROL BULK GAN GRO
1144	Tuerxun	Ailihumaer	8/2/21	11:30 AM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	SEFFECT OF SURFACE RELAXATION & X-RAY ABSORPTION ON
1111	Susrut	Akkineni	8/3/21	1:45 PM	Contributed	Biological and Biomimetic Materials	AMYLOID-LIKE AMELOGENIN NANORIBBONS TEMPLATE M
1028	Noriko	Akutsu			Poster	Fundamentals of Crystal Growth	A FACETED-ROUGH SURFACE IN A NUCLEATION-LIMITED G
1029	Noriko	Akutsu			Poster	Fundamentals of Crystal Growth	ROUGHNESS EXPONENTS AND A SCALING FUNCTION FOR A
1330	Andrew	Allerman	8/3/21	3:00 PM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	SULTRA-WIDE BANDGAP ALGAN ALLOYS FOR POWER DIODE
2007	David	Amabilino	8/4/21	9:00 AM	Invited	Symposium on Twisted Crystals	TWISTED CRYSTALS OF DIKETOPYRROLOPYRROLES
1058	Andressa	Antonini Bertolaz	zz 8/3/21	4:00 PM	Contributed	Modeling of Crystal Growth Processes	MESOPHASES CAN ASSIST ZEOLITE NUCLEATION
1272	Yasutomo	Arai			Poster	Bulk Crystal Growth	GRADUATED CONCNETRATION AND HOMOGENEOUS SIGE O
1106	Elsa	Ariesanti	8/4/21	2:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	ADVANCED INORGANIC HALIDE CERAMIC SCINTILLATORS
1088	Maksim	Artyusenko			Poster	III-V Epitaxial Growth for Devices	GROWTH AND ACOUSTO-OPTIC STUDY OF BPO <sub>4</sub> 0
1092	Raja	Arumugam			Poster	Detector Materials: Scintillators and Semiconductors	GROWTH DIFFICULTIES AND GROWTH OF CRACK FREE EU <s< td=""></s<>
18	Harutoshi	Asakawa			Poster	Bulk Crystal Growth	GROWTH OF STRONTIUM TETRABORATE CRYSTAL FIBERS W
1085	Meita	Asami	8/3/21	11:30 AM	Contributed	Materials for photovoltaics and other energy technologies	IMPROVEMENT OF INGAP/GAAS INTERFACE REALIZED BY O
1057	Emily	AsenathSmith	8/4/21	10:30 AM	Contributed	Fundamentals of Crystal Growth	CRYSTALLOGRAPHIC ORIENTATION OF COLUMNAR ICES FOR
1313	Ihteyaz	Avash	8/3/21	2:00 PM	Contributed	2D materials, surfaces and interfaces	SYNTHESIS AND CHARACTERIZATION OF MANGANESE (IV)
1099	Pegah	Bagheri	8/4/21	11:00 AM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Device	DIRECT EVIDENCE OF SINGLE ELECTRON OCCUPANCY FOR O
1133	Özden	Balbaşı			Poster	Bulk Crystal Growth	INVESTIGATION OF SEEDED VERTICAL GRADIENT FREEZE (
1295	Elif	Balkas	8/2/21	11:00 AM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	SILICON CARBIDE SUBSTRATE TECHNOLOGIES: ADVANTAG
1308	Anushka	Bansal	8/4/21	3:45 PM	Contributed	2D materials, surfaces and interfaces	TOWARDS A MECHANISTIC UNDERSTANDING OF THE FORM.
1291	Anushka	Bansal	8/2/21	2:00 PM	Contributed	BN Epitaxial Growth and Characterization	THE ROLE OF SAPPHIRE SUBSTRATE ORIENTATION IN THE C
1267	Paola	Barbara	8/3/21	1:00 PM	Invited	2D materials, surfaces and interfaces	GRAPHENE QUANTUM DOTS BOLOMETERS FOR STUDIES OF
1399	MARYAM	BARI	8/4/21	4:00 PM	Contributed	Third Symposium on Ferroelectric Crystals and Textured	ROOM-TEMPERATURE SYNTHESIS, GROWTH MECHANISMS, A
1089	Douglas	Barlow	8/3/21	2:15 PM	Contributed	Modeling of Crystal Growth Processes	POPULATION-BALANCE STUDY OF PROTEIN CRYSTAL GROW
1239	Matthias	Batzill	8/4/21	10:30 AM	Invited	2D materials, surfaces and interfaces	CR <sub>(1+δ)</sub> TE <sub>2</sub> INTERCALATION COMPOU
1082	Florent	Baudouin	8/4/21	11:00 AM	Contributed	Lattice-mismatched epitaxy and alternative epitaxial subs	t SYNTHESIS AND TRANSFER OF NANOSHEETS SEED LAYER O
1386	Sage	Bauers	8/2/21	1:30 PM	Invited	Characterization techniques for bulk and epitaxial crystal	ACCELERATED DISCOVERY OF NEW NITRIDE SEMICONDUCT
1134	Olivia	Berengue			Poster	Nanocrystals, quantum dots, and nanowires	SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF VLS
1228	Ishwara	Bhat	8/2/21	1:30 PM	Invited	BN Epitaxial Growth and Characterization	PROPERTIES OF HEXAGONAL BORON NITRIDE GROWN ON SA
1081	Dmitry	Borisov	8/2/21	4:00 PM	Contributed	Modeling of Crystal Growth Processes	ADVANCED APPROACH FOR OXYGEN TRANSPORT SIMULATI
1164	Bianca	Boschetti	8/3/21	1:30 PM	Contributed	Detector Materials: Scintillators and Semiconductors	SOLUTION GROWTH OF CENTIMETER-SCALE MAPBBR <sub>3-</sub>
1087	Benoit	Boulanger	8/3/21	11:15 AM	Invited	Nonlinear Optical and Laser Host Materials	NONLINEAR CRYSTALS FOR PHASE MATCHED TERAHERTZ G
2009	Allen	Brady	8/3/21	1:30 PM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	s Growth and wafering of Gallium Oxide
1397	Josh	Brown	8/2/21	3:30 PM	Invited	III-V Epitaxial Growth for Devices	Remote Plasma Chemical Vapour Deposition of III-Nitrides for Laser
1273	Jun	Cao	8/4/21	3:30 PM	Contributed	2D materials, surfaces and interfaces	ULTRATHIN GAN CRYSTAL REALIZED THROUGH NITROGEN
1396	Filipa	Castro	8/4/21		Contributed	Symposium on Nucleation in Microfluidics	ENHANCED CONTROL OF PROTEIN CRYSTALLIZATION IN DE
1278	Alessandro	Cavalli	8/3/21	3:45 PM	Contributed	Nanocrystals, quantum dots, and nanowires	CUINSE2 NANOSTRUCTURES GROWN BY MBE
1388	Ruel	Cedeno	8/4/21	9:00 AM	Contributed	Symposium on Nucleation in Microfluidics	QUANTIFYING NUCLEATION KINETICS VIA SESSILE MICROE

1083	Ondřej	Černohorský	8/3/21	2:00 PM	Contributed	Modeling of Crystal Growth Processes	MODELLING OF THE LOW-TEMPERATURE GROWTH OF ZINC
1054	Rajshree	Chakrabarti	8/3/21	11:30 AM	Contributed	Fundamentals of Crystal Growth	AN INTERMEDIATE COMPLEX REGULATES THE INCORPORAT
1138	Yunfei	Chang	8/3/21	3:00 PM	Invited	-	SINGLE-CRYSTAL-LIKE PIEZOELECTRIC PROPERTIES AND IM
1205	Sandeep	Chaudhuri	8/4/21	1:30 PM	Contributed	• • •	s High-Resolution Single-Crystal CVD Diamond Radiation Detector: Def
1275	Chen	Chen	8/4/21	4:15 PM	Contributed	2D materials, surfaces and interfaces	DIRECTIONAL ETCHING FOR HIGH ASPECT RATIO NANO-TRI
1044	Henry	Chen	8/3/21	1:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	<b></b> MERCUROUS BROMINE HG <sub>2</sub> BR <sub>2</sub>
1184	Zeyu	Chen	8/3/21	4:00 PM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	S CHARACTERIZATION OF LATTICE DAMAGE IN HIGH ENERG
1410	Ou	Chen	8/4/21	1:45 PM	Invited	Symposium on Metal Nanoparticle Nucleation and Growt	BULK GRAIN-BOUNDARY MATERIALS FROM METAL NANOC
1108	Qianyu	Cheng	8/2/21	11:45 AM	Contributed		I X-RAY CHARACTERIZATION OF DEFECT STRUCTURES IN PV1
1175	Qianyu	Cheng	8/3/21	3:45 PM	Contributed	· · · ·	S STRUCTURAL DEFECTS CHARACTERIZATION OF PVT-GROWN
1282	Ping-Ting	Chiang	8/3/21	2:00 PM	Contributed	Materials for photovoltaics and other energy technologies	IN SITU VISUALIZATION OF TRAVELING SOLVENT GROWTH
1243	Sandy	Cochran	8/2/21	3:30 PM	Invited		MN PIN-PMN-PT PIEZOCRYSTAL FOR POWER ULTRASONICS A
1225	Helmut	Coelfen	8/2/21	10:30 AM	Invited	Biological and Biomimetic Materials	BIO-INSPIRED MINERALIZATION FOR MEDICAL APPLICATIO
1246	Eric	Colegrove	8/3/21	3:00 PM	Invited	Materials for photovoltaics and other energy technologies	COLOSSAL GRAINS FOR A NEW STRUCTURAL PARADIGM IN '
1338	Danilo	Crippa	8/2/21	1:00 PM	Invited	Advanced Crystal Growth Technology and Equipment	A NOVEL 200MM SILICON CARBIDE EPITAXIAL REACTOR FO
1103	Luz	Cruz	8/4/21	4:00 PM	Contributed		POLYMER MEDIATED SYNTHESIS OF METAL OXIDE GRAPHE
1136	Karthickraja	D.	8/2/21	2:15 PM	Contributed	Advanced Crystal Growth Technology and Equipment	FABRICATION OF NIR TRIGGERED AND NIR EMITTING DOW
1318	Parthiv	Daggolu	8/3/21	1:30 PM	Invited	Materials for photovoltaics and other energy technologies	PULLING THIN SINGLE CRYSTAL SILICON WAFERS FROM A N
1059	Rafael	Dalmau	8/4/21	8:30 AM	Invited		SINGLE CRYSTAL ALN 2-INCH SUBSTRATES WITH SPATIALLY
1241	Yovan	De Coene	8/3/21	2:00 PM	Contributed	Nanocrystals, quantum dots, and nanowires	ADVENT OF PLASMONIC BEHAVIOR - NUCLEATION AND GR
2005	Celso	de Mello Donega	8/3/21	10:30 AM	Invited	Nanocrystals, quantum dots, and nanowires	Extended Nucleation and Superfocusing in Colloidal Nanocrystal Synth
1188	James	De Yoreo	8/2/21	11:00 AM	Invited	Fundamentals of Crystal Growth	INTERFACIAL STRUCTURE, INTERPARTICLE FORCES AND ASS
1157	Eugenio	DelRe	8/3/21	1:00 PM	Invited	Nonlinear Optical and Laser Host Materials	KLTN SUPERCRYSTALS WITH GIANT BROADBAND REFRACTI
1038	Jeffrey	Derby	8/4/21	9:00 AM	Contributed	Fundamentals of Crystal Growth	MODELING THE ENGULFMENT OF BUBBLES DURING SAPPHI
1222	Jeffrey	Derby	8/2/21	1:00 PM	Invited	Modeling of Crystal Growth Processes	MODELING AND IN-SITU NEUTRON IMAGING TO UNDERSTA
1032	Mark	Derzon	8/4/21	3:30 PM	Invited	Detector Materials: Scintillators and Semiconductors	SUGGESTED MATERIAL AND SEMICONDUCTOR RESEARCH F
1062	Debdas	Dhabal	8/4/21	11:30 AM	Contributed	Fundamentals of Crystal Growth	COARSE-GRAINED MODEL FOR THE HYDROTHERMAL SYNTI
1167	Scott	Dossa	8/4/21	11:00 AM	Contributed	Fundamentals of Crystal Growth	MODELING THE EFFECTS OF OPTICAL ASYMMETRY AND HIC
1254	Natasha	Dropka	8/2/21	3:30 PM	Contributed	Modeling of Crystal Growth Processes	INSULATING BAFFLE IN VB GROWTH
17	Natasha	Dropka	8/4/21	3:00 PM	Invited	Modeling of Crystal Growth Processes	SMART DEVELOPMENT OF VERTICAL GRADIENT FREEZE CR
1052	Natasha	Dropka	8/4/21	4:00 PM	Contributed	Modeling of Crystal Growth Processes	NUMERICAL OPTIMIZATION OF GAS MANAGEMENT FOR THI
1305	Julia	Dshemuchadse	8/3/21	1:30 PM	Invited	Modeling of Crystal Growth Processes	GROWTH OF DIVERSE CRYSTAL STRUCTURES VIA SELF-ASSE
1064	Yingge	Du	8/2/21	4:45 PM	Contributed	Characterization techniques for bulk and epitaxial crystal	I STRUCTURAL EVOLUTION IN PHASE CHANGE STRONTIUM F
2006	Russell	Dupuis	8/4/21	1:15 PM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Device	SUNIFORM 6 x 6 GAN P-I-N ULTRAVIOLET AVALANCHE PHOT
1327	Partha	Dutta	8/2/21	2:15 PM	Contributed	Bulk Crystal Growth	GROWTH OF OPTICALLY TRANSPARENT GASB BULK CRYSTA
1131	Hermann	Ehrlich	8/2/21	11:15 AM	Invited	Biological and Biomimetic Materials	GIANT BIOMINERALS
1145	Lara	Estroff	8/4/21	10:30 AM	Invited	Biological and Biomimetic Materials	HARNASSING CONFINEMENT AND SURFACES TO PATTERN C
1071	Dylan	Evans			Poster	Bulk Crystal Growth	SINGLE CRYSTAL GROWTH OF MONOISOTOPIC GRAPHITE CF
1084	Jim	Evans	8/4/21	1:30 PM	Contributed	Symposium on Metal Nanoparticle Nucleation and Growt	RESHAPING OF TRUNCATED PD NANOCUBES AND OCTAHED
1328	Lynn	Ewart	8/2/21	3:00 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured	(THE STANDARD FOR RELAXOR-BASED SINGLE CRYSTALS FO
1070	Joel	EYMERY	8/2/21	3:30 PM	Contributed	Characterization techniques for bulk and epitaxial crystal	IX RAY NANOBEAMS TO MEASURE LIGHT, COMPOSITION AN

1151	Victor	Fabiyi	8/4/21	1:30 PM	Contributed	Modeling of Crystal Growth Processes	MOLECULAR DYNAMICS INVESTIGATION OF CRYSTAL-MEL
1068	Markus	Feifel	8/4/21	11:15 AM	Contributed	Lattice-mismatched epitaxy and alternative epitaxial subs	t ENGINEERED SUBSTRATES WITH TUNABLE LATTICE CONST.
1130	Roberto	Fornari	8/3/21	11:00 AM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	S EPITAXIAL GROWTH PARAMETERS TO PRESET THE CRYSTAL
1298	Ryan	France	8/3/21	11:00 AM	Contributed	Materials for photovoltaics and other energy technologies	OPTICALLY-THICK GAINAS/GAASP SUPERLATTICE SOLAR CE
1331	Jaime	Freitas, Jr.	8/2/21	1:00 PM	Invited	Characterization techniques for bulk and epitaxial crystal	I GAN WAFERS AND EPITAXIAL FILMS WITH DRAMATICALLY
1252	Fumihiro	Fujie	8/2/21	11:00 AM	Invited	Characterization techniques for bulk and epitaxial crystal	I IN-SITU STUDIES OF DOUBLE SHOCKLEY STACKING FAULT I
1079	Assaf	Gal	8/2/21	11:45 AM	Contributed	Biological and Biomimetic Materials	MORPHOLOGICAL COMPLEXITY OF GROWING CALCITE CRY
1326	Zbigniew	Galazka	8/3/21	1:00 PM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	S CZOCHRALSKI GROWTH AND PHYSICAL PROPERTIES OF BUL
1314	Alex	Galyukov	8/3/21	10:30 AM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	MODELING OF GA2O3 CRYSTAL GROWTH AND EPITAXY
1337	Charline	Gerard	8/4/21	10:30 AM	Invited	Symposium on Nucleation in Microfluidics	MICROFLUIDIC SET-UP FOR SOLID-STATE STUDIES OF API DI
2002	Sanjit K.	Ghose	8/3/21	11:30 AM	Invited	Nanocrystals, quantum dots, and nanowires	Monitoring Time Evolution of the Local Structure of Semiconductor Na
1055	Rosana	Gonçalves			Poster	Nanocrystals, quantum dots, and nanowires	LOW TEMPERATURE SYNTHESIS AND STRUCTURAL REFINEM
1292	Cheng	Gong	8/3/21	11:00 AM	Invited	2D materials, surfaces and interfaces	2D MAGNETS AND 2D MAGNETISM
13	Michael	Gonik			Poster	Advanced Crystal Growth Technology and Equipment	MODIFIED FZ TECHNIQUE FOR OXIDES CRYSTAL GROWTH
1217	Ken	Goto	8/3/21	11:30 AM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	S INVESTIGATION OF OMVPE GROWTH FOR BETA GALLIUM O
1234	Omar	Gowayed	8/2/21	3:30 PM	Contributed	Advanced Crystal Growth Technology and Equipment	INVESTIGATION OF LASER-INDUCED PHASE-SEPARATED DR
1105	Laurie	Gower	8/4/21	3:00 PM	Invited	Biological and Biomimetic Materials	CRYSTAL GROWTH AND BIOMINERALIZATION VIA COLLOII
1171	Tyler	Grassman	8/4/21	8:30 AM	Invited	III-Vs on Silicon	UNDERSTANDING AND CONTROLLING DISLOCATION EVOL
1407	Ewa	Grzanka	8/4/21	1:30 PM	Invited	Thin film growth, epitaxy, and superlattices	INDIUM CONCENTRATION FLUCTUATIONS IN INGAN/GAN Q
1413	James	Gupta	8/2/21	1:30 PM	Invited	Narrow Bandgap Semiconductors and Devices	LOW-THRESHOLD INAS-BASED INTERBAND CASCADE LASER
1366	Thomas	Hannappel	8/4/21	9:00 AM	Invited	III-Vs on Silicon	DEFECT REDUCTION IN MOCVD-GROWN III-V LAYERS PREPA
1158	Katherine	Hansen	8/3/21	2:00 PM	Contributed	Detector Materials: Scintillators and Semiconductors	ENHANCING THE GRAIN SIZE OF HIGH SENSITIVITY PEROVS
1107	Drew	Haven	8/2/21	1:30 PM	Contributed	Bulk Crystal Growth	GROWTH OF IRON DOPED BETA GALLIUM OXIDE BY THE ED
1116	Rastgo	Hawrami	8/3/21	4:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	LATEST DEVELOPMENT ON ADVANCED TL-BASED SCINTILL
1322	Angela	Hight Walker	8/3/21	3:00 PM	Invited	2D materials, surfaces and interfaces	MAGNON-PHONON HYBRIDIZATION IN THE QUASI-2D ANTI
1122	Maui	Hino			Poster	Thin film growth, epitaxy, and superlattices	THE IMPACT OF INTERFACIAL GROWTH SEQUENCE ON THE
1315	Hans	Högberg	8/2/21	11:30 AM	Contributed	BN Epitaxial Growth and Characterization	H-BN OR R-BN - WHICH POLYTYPE OF SP <sup>2</sup> -BN DI
1162	Shanshan	Hu	8/2/21	2:15 PM	Contributed	Characterization techniques for bulk and epitaxial crystal	l PRISMATIC SLIP IN PVT-GROWN ALN CRYSTALS <b></b>
1411	Zhang	Hua	8/4/21	4:15 PM	Invited	Symposium on Metal Nanoparticle Nucleation and Growt	PHASE ENGINEERING OF NANOMATERIALS
1123	Wei	Huang	8/4/21	3:45 PM	Contributed	Biological and Biomimetic Materials	BIO-INSPIRED SYNTHESIS OF IMPACT-RESISTANT BI-CONTIN
2003	Sandrine	Ithurria	8/3/21	1:30 PM	Invited	Nanocrystals, quantum dots, and nanowires	Halides ligands in II-VI semiconductor nanoplatelets: a new tool for str
2010	Motoaki	Iwaya	8/4/21	3:00 PM	Invited	Thin film growth, epitaxy, and superlattices	In-situ observation of crystal growth of AlGaN with lattice relaxation on
1194	Eli	Janzen			Poster	Bulk Crystal Growth	OPTIMIZATION OF BORON CONCENTRATION FOR HBN SOLU
1027	Jani	Jesenovec	8/3/21	2:00 PM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	S ELECTRONIC AND OPTICAL PROPERTIES OF ZN-DOPED B-GA
1404	Xie	Jianping	8/4/21	3:30 PM	Invited	Symposium on Metal Nanoparticle Nucleation and Growt	TOTAL SYNTHESIS OF METALLIC MOLECULES
1215	Peter	Kabakov	8/4/21	3:00 PM	Invited		SOLID-STATE CRYSTAL GROWTH OF LEAD-FREE FERROELEC
1076	Kei	Kamada	8/2/21	1:15 PM	Contributed	Bulk Crystal Growth	MELT GROWTH AND SCINTILLATION PROPERTIES OF EU DO
1066	Kei	Kamada			Poster	Detector Materials: Scintillators and Semiconductors	GROWTH AND SCINTILLATION PROPERTIES OF LI <sub>2</sub>
1203	OmerFaruk	Karadavut	8/4/21	3:15 PM	Contributed	Detector Materials: Scintillators and Semiconductors	DEEP LEVEL TRANSIENT SPECTROSCOPY AND MINORITY CA
1148	Denis	Karimov			Poster	Bulk Crystal Growth	YTTRBIUM DIFLUORIDE YBF <sub>2</sub> : PREPARATION, S
1147	Dobroslawa	Kasprowicz	8/3/21	4:00 PM	Contributed		LUMINESCENCE OF RARE EARTH DOPED CRYSTALS
		1				1 67 6	

1040	Sakiko	Kawanishi	8/3/21	3:30 PM	Contributed	Materials for photovoltaics and other energy technologies	SOLUTION GRWOTH OF LARGE SINGLE CRYSTALS OF N-TYP
1149	Barbara	Kazanowska	8/4/21	2:00 PM	Contributed		FABRICATION AND FIELD EMISSION OF ALGAN NANOSTRUC
1288	Xianglin	Ke	8/4/21	9:30 AM	Invited	2D materials, surfaces and interfaces	ELECTRONIC AND MAGNETIC PROPERTIES OF QUASI-2D TOP
1210	Joel	Kearns	8/2/21	11:15 AM	Contributed	Bulk Crystal Growth	CZOCHRALSKI GROWTH OF HEAVILY ARSENIC DOPED, DISL
1209	Joel	Kearns	8/4/21	9:30 AM	Contributed	Fundamentals of Crystal Growth	CHARACTERIZATION OF SURFACE FEATURES AT A THREE-PH
1230	Vladislav	Khayrudinov	8/3/21	3:30 PM	Contributed	Nanocrystals, quantum dots, and nanowires	MOVPE GROWTH OF GAAS NANOWIRES DIRECTLY ON FLEX
1284	Soaram	Kim	8/4/21	1:00 PM	Invited	2D materials, surfaces and interfaces	EPITAXIAL GRAPHENE BASED SENSOR FOR RAPID DETECTIO
1048	Sungjun	Kim	8/4/21	3:15 PM	Contributed	2D materials, surfaces and interfaces	MOLYBDENUM DISULFIDE BASED SYNAPTIC DEVICE FOR NE
1026	Dong Yeong	Kim	8/2/21	1:30 PM	Contributed	Advanced Crystal Growth Technology and Equipment	THERMAL LASER EPITAXY OF OXIDE FILMS
1139	Ted	Kim			Poster	Biological and Biomimetic Materials	BIFURCATED TRANSITION STATE FOR THE GROWTH OF THE
1154	Kyoung Jin	Kim	8/3/21	3:45 PM	Contributed	Detector Materials: Scintillators and Semiconductors	GROWTH AND SCINTILLATION PROPERTIES OF DIRECTIONA
1119	Nam-In	Kim	8/4/21	9:30 AM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	FLEXIBLE SINGLE-CRYSTALLINE III-N THIN FILMS FOR PHYS
1403	Weirich	Kimberly	8/3/21	1:00 PM	Invited	Biological and Biomimetic Materials	SELF-ORGANIZATION IN COMPOSITE BIOPOLYMER LIQUID (
1117	David	Kisailus	8/2/21	2:00 PM	Contributed	Biological and Biomimetic Materials	ARCHITECTED BIOMINERALIZED IMPACT RESISTANT BI-CON
1201	Joshua	Kleppinger			Poster	Detector Materials: Scintillators and Semiconductors	ROLE OF CARRIER TRAP CENTERS IN NI/N-4H-SIC EPITAXIAL
1202	Joshua	Kleppinger			Poster	Detector Materials: Scintillators and Semiconductors	MODIFIED VERTICAL BRIDGMAN GROWTH OF CD <sub>0.9</sub>
1200	Joshua	Kleppinger	8/2/21	11:45 AM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	COMPLETE CHARGE COLLECTION CRITERIA IN PARTIALLY I
1041	Benjamin	Knipfer	8/2/21	11:00 AM	Contributed	III-V Epitaxial Growth for Devices	ANALYSIS OF INTERFACE ROUGHNESS IN STRAINED INGAAS
1035	Juliane	Koch			Poster	Nanocrystals, quantum dots, and nanowires	SPATIALLY HIGH-RESOLUTION I-V CHARACTERIZATION OF
1245	Alexey	Kondratyev	8/2/21	11:30 AM	Contributed	Bulk Crystal Growth	GAS BUBBLE FORMATION AND TRANSPORT IN CZOCHRALSK
1316	Alexey	Kondratyev	8/2/21	11:45 AM	Contributed	Bulk Crystal Growth	CZOCHRALSKI GROWTH OF 550 MM DIAMETER SILICON CRY
1128	Alexandr	Koshelev			Poster	Nanocrystals, quantum dots, and nanowires	GROWTH PECULIARITIES OF RARE-EARTH DOPED NAYF <sub:< td=""></sub:<>
1258	Jimmy	Kotsakidis	8/4/21	1:30 PM	Invited	2D materials, surfaces and interfaces	INCREASING THE MAGNESIUM INTERCALATION RATE FOR 1
1392	Zdeněk	Kožíšek	8/4/21	3:30 PM	Contributed	Modeling of Crystal Growth Processes	THERMAL ANALYSIS OF AL DROPLET CRYSTALLIZATION AN
1191	Jeffrey	Kronz	8/4/21	4:00 PM	Contributed	2D materials, surfaces and interfaces	HIGH TEMPERATURE CONVERSION AND CRYSTALLIZATION
1240	Simon	Kuhn	8/4/21	8:30 AM	Invited	Symposium on Nucleation in Microfluidics	CONTINUOUS MICROFLUIDIC CRYSTALLIZATION BY DECOU
1312	Alexey	Kulik	8/3/21	4:15 PM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	MODELING AS THE POWERFUL TOOL FOR EVALUATION ANI
1125	Senthil	Kumar			Poster	Fundamentals of Crystal Growth	FERROELECTRIC, PYROELECTRIC AND MECHANICAL PROPER
1211	Shunsuke	Kurosawa	8/3/21	3:30 PM	Contributed	Detector Materials: Scintillators and Semiconductors	LARGE-SIZE GD <sub>3</sub> (GA,AL) <sub>5</sub> O <sub>12</sub>
1207	Shunsuke	Kurosawa	8/4/21	11:15 AM	Contributed	Detector Materials: Scintillators and Semiconductors	GROWTH OF P-TERPHENYL AND CARBAZOLE CRYSTALS AS I
1126	Irfan	Kuvvetli	8/3/21	11:30 AM	Invited	Detector Materials: Scintillators and Semiconductors	UNDERSTANDING THE 3D CDZNTE DRIFT STRIP DETECTORS
1398	David	Lackner	8/3/21	10:30 AM	Invited	Materials for photovoltaics and other energy technologies	PATHWAYS TO COST REDUCTION OF III-V MULTI-JUNCTION
1265	Shoufeng	Lan	8/4/21	8:30 AM	Invited	2D materials, surfaces and interfaces	CHIRALITY, MAGNETISM, AND THEIR INTERPLAY
1279	Chung-Wen	Lan	8/2/21	1:30 PM	Invited	Modeling of Crystal Growth Processes	CHALLENGES IN MODELING OF GRAIN STRUCTURES FOR MU
1311	Seng Huat	Lee	8/2/21	4:15 PM	Contributed	Bulk Crystal Growth	SYNTHESIS AND DOMAIN STRUCTURES OF A VAN DER WAA
1408	Stephanie	Lee	8/4/21	10:30 AM	Invited	Symposium on Twisted Crystals	TWISTED ORGANIC SEMICONDUCTOR CRYSTALS
1219	Ho-Yong	LEE	8/2/21	4:00 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured	("GEN III" PIEZOELECTRIC PMN-PZT SINGLE CRYSTALS (D <sul< td=""></sul<>
1033	Justine	Lespiaux	8/4/21	4:00 PM	Contributed	Thin film growth, epitaxy, and superlattices	TRENCH FILLING WITH PHOSPHORUS-DOPED MONOCRYSTA
1216	Fei	Li	8/3/21	3:30 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured	TEXTURED FERROELECTRIC CERAMICS WITH HIGH ELECTRO
1247	Xi	Ling	8/3/21	3:30 PM	Invited	2D materials, surfaces and interfaces	SPIN-INDUCED LINEAR POLARIZATION OF PHOTOLUMINESC
1262	Jianlin	Liu	8/2/21	11:00 AM	Invited	BN Epitaxial Growth and Characterization	TWO-DIMENSIONAL HEXAGONAL BORON NITRIDE: FROM M

11     Name     Name     Safe M     Canabia     Materialis for plotsocolasis and other energy technologis     OPTICAL ADD CANYSTALLINE INDROMOFINITY OF NA DO       123     Linn     Safe M     Safe M     Namerialis for plotsocolasis and other energy technologis     OPTICAL CLIALLENGES OF GROWING SUPERILEXY MG       123     Gaines     Lakia     Safe M     Namerialis for plotsocolasis and other energy technologis     TERIMOTY ADM INTERCE GAN LATERS GROWING SUPERILEXY MG       123     Marine M     Safe M     Safe M     Canthone M     Safe M     Namerialis for plotsocolasis and other energy technologis     TERIMOTY ADM INTERCE GAN LATERS GROWING SUPERILEXY MG       123     Marine M     Marine M     Safe M     Canthone M     Safe M     Namerialis M     Nameri								
Izajan     Lajan     8.20     30.0 PM     Inviced     Modeling of Opeal Growth Processo     TECHNICAL CHAILENCES OF GROWING SUPER-HEAVY MM       1036     Gleb     Lukin     84/21     945 AM     Contributed     HI-V Wide Bandgap Niride Semiconductors and Devices: STRESS EVOLUTION INTITICK GAN LAYERS GROWIN BY IM       1037     Venchuan     Ma     82/21     1130 AM     Contributed     Indeling of Crystal Growth     NONCLASSICAL PATILWAYS OP CIOLESTEROL CRYSTALLIZ       1038     Mamoginuk     82/21     1130 AM     Contributed     Supposition on Nacestation in Microfials     CRYSTALLIZ     NAS OF GROWTHON NAD OREGA CALCUL CRYSTALLIZ       1039     Saming     Mandel     82/21     103 AM     Invited     Detector Materials Similators and Semiconductors     HIGH-RESOLUTION NANO RESTRETENDED GRASS       1031     Jahan     Mangell     82/21     135 FM     Contributed     Bir Episakia Growth for Devices     HOME PHTAXLAL GROWTHON NANO RESTRETENDED GRASS       1033     Jahan     Margell     82/21     135 FM     Contributed     Bir Episakia Growth for Devices     HOME PHTAXLAL GROWTHON NANO RESTRETENDED GRASS       1033     Jahan     Margell     82/21	1170	Yafei	Liu	8/2/21	2:00 PM	Contributed	Characterization techniques for bulk and epitaxial crystal	APPLICATION OF SYNCHROTRON X-RAY ROCKING CURVE
108 Gichen Alen 84.21 94.54.3 Gonzhanez II-Vike Eandagen Neide Schwichsend Device: STEPSK PKD111TDN NI THIRK GAN LAYEPS GROWN PK PH   109 Jenninez Mao 84.21 14.50.40 Contribute Mademid Grown Nerves   109 Jonninez Mao 84.21 11.00.40 Contribute Submitted Contributed Contributed Submitted Contributed Submitted Contributed Contributed Contributed Contributed Contributed Submitted Contributed	21	Yinan	Liu	8/3/21	3:45 PM	Contributed	Materials for photovoltaics and other energy technologies	OPTICAL AND CRYSTALLINE INHOMOGENEITY OF NA DOP
1915     pinging     Luo     84/21     14.5 PM     Contributed     Pindamentals of crystal Growth Processes     THEERMODYAMIC INTEGRATION PATHWAYS FOR CALCUS YSTALIJ       193     Rominau     Mass     84/21     11.00 M     Contributed     Fundamentals of Crystal Growth     NONCLASSICAL PATHWAYS FOR CALCUS YSTALIJ       193     Sina     Matomolada     84/21     13.00 M     Contributed     Sympositium on Nackataton in Microfluidics     CONTSTALIJZATION NAD AGREGATION IN CONTROLLED       193     Nacimula     Matadi     82/21     3.00 M     Inviced     Contributed     Contributed<	1283	Lijun	Liu	8/2/21	3:00 PM	Invited	Modeling of Crystal Growth Processes	TECHNICAL CHALLENGES OF GROWING SUPER-HEAVY MO
908     Wenchuan     Nove     8221     1130 AM     Contribute     Fundamentals of Crystal Growth     NOXELXSICAL PATIENARY SOF CHOLESTERIOL CRYSTALLIZ       130     Dominique     Mair     8221     100 AM     Sourable     Contribute     Biological and Biolomine to Marcofluition     CRYSTALLIZATION AND AGGREGATION NO CONTROLLIZ       130     Mairamentals     Mairamentals     Readermalia     CRYSTALLIZATION AND AGGREGATION NO CONTROLLIZATION NO CONTROLIZATION NO CONTROLLIZATION NO CONTROLLIZATION NO CONTRO	1036	Gleb	Lukin	8/4/21	9:45 AM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	STRESS EVOLUTION IN THICK GAN LAYERS GROWN BY HV
333     Dominique     Macs     8/421     1.00. M     Contribute     Synposium on Nucleation in Microfluidies     CRYSTALLIZATION AND AGGREGATION IN CONTROLLED       036     Mademula     Madafia     8/21     3.01 FM     Contribute     Bological and Biommeric Materials     PUTMORPH TRANSTORMATIONS AND DRUG ACTIVITY IN       178     Krishna     Mandal     8/21     1.03 AM     Invited     Characterization techniques for bulk and epitaxil activity SII COMTIN INCLEAR RADIATION DETECTORS ON       170     Flisheth     Mansfield     8/21     1.15 AM     Contribute     II Verterization activity Sintification contributes and Seminonductors     HIGM REACTERIZATION USING 4D STEM-IN-SEM AND A       170     Flisheth     Mansfield     8/21     1.03 AM     Contribute     12 Distributes and incributes and incributes and seminonic materization     HIB NACATLERIZATION USING 4D STEM-IN-SEM AND A       171     Before     May     8/22     3.00 PM     Invited     2 Distributes     2 Distributes     PUTMONTING VISTRALLERIZATION USING 4D STEM-IN-SEM AND A       172     Marcina     Male     Size Contribute     2 Distributes     2 Distributes     2 Distributes     2 Distributes     2 Distributes	1195	Jinping	Luo	8/4/21	1:45 PM	Contributed	Modeling of Crystal Growth Processes	THERMODYNAMIC INTEGRATION PATHWAYS FOR CALCUL
Name     Mafimoghadam     8/21     3/15 PM     Contributed     Biological and Biomimetic Materials     POLY MORPH TRANSPORMATIONS AND DRUG ACTIVITY IN Nadeemulai       139     Nadermulai     Madadia     8/22     3/00 PM     Invide     Characterization techniques for bulk and epitaxial crystall COMPLIMENTARY INVESTIGATION OF EXTENDED DEFECT       130     John     Mangum     8/221     115 AM     Contribute     II-V Epitaxial Growth for Devices     HIGH RESOLUTION NUCLEAR RADIATION SON DETECTORS ON Linking and the start of the sta	1053	Wenchuan	Ma	8/2/21	11:30 AM	Contributed	Fundamentals of Crystal Growth	NONCLASSICAL PATHWAYS OF CHOLESTEROL CRYSTALLIZ
Nadecmulan   Mahadik   \$2/2   3.00 PM   Invited   Characterization techniques for bulk and epitaxial crystal COMPLIATENT RAVENTEGATION OF EXTENDED DEFECT     198   Krishna   Mandal   8:3/21   10:30 AM   Invited   Detector Materials: Scintilitators and Scintinitators and Scintitators and Scintitators and Scintinitators and Scintinitators and Scintinitators and Scintificators and Scintificators and Scintificators and Scintiticators and Scintiticators and Scintiticators and Scintiticators and Scintiticators and Scintitication and Scintiticators an	1393	Dominique	Maes	8/4/21	11:00 AM	Contributed	Symposium on Nucleation in Microfluidics	CRYSTALLIZATION AND AGGREGATION IN CONTROLLED
High     Krishna     Mandal     8/32     10:30 AM     Invited     Detector Materials: Scintillators and Semiconductors     HIGH-RESOLUTION NUCLEAR RADIATION DETECTORS ON       103     John     Mangum     8/221     11:15 AM     Contributed     II-VE prinxial Growth for Devices     HOMOEPTTAXIAL GROWTH ON NANOPATTERNED GAASS SUB- Standard       1233     Zhigiang     Mao     8/221     3:05 PM     Invited     Bulk Crystal Growth     LAVERED MAGNETIC TOPOLOGICAL MATERIALS (MNBE's EAR)       1234     Andrew     May     8:321     13:04 M     Contributed     Lattice-standard and interfaces     THE IMPACT OF GROWTH CONDITIONS ON THE MAGNETIC       124     Pechon     May     8:321     13:04 M     Contributed     Nancerystals, quantum dos, and anorwices     BENDING OF CORE-SHELL NANOWIRES BY ASYMMETRICS       124     Felce     Mirrieles     8:421     11:15 AM     Contributed     Intile growth, epitaxy, and saperTatices     STRUCTURE-MCILANICAL PROPERTIES OF FILE NANOWIRES BY ASYMMETRICS       1210     Wair     8:4221     11:15 AM     Contributed     Intile growth, epitaxy, and saperTatices     THERMONTEAL ALSYSOFT INSIDE PHOMOEPHTAXIA       1110     Miraireies	1039	Sima	Mafimoghaddam	8/3/21	3:15 PM	Contributed	Biological and Biomimetic Materials	POLYMORPH TRANSFORMATIONS AND DRUG ACTIVITY IN
John     Mangum     8/21     11:15 AM     Contributed     III-V Epitaxial Growth for Devices     HOMOEPITAXIAL GROWTH ON NANOPATTERNED GAASS       J07     Elisabeth     Mansfield     8/21     3:15 PM     Contributed     BN Epitaxial Growth and Characterization     H-BK CHARACTERIZATION USING 49 STEM-IN-SEM AND A       J07     Andrew     May     8/21     1:30 PM     Invited     2D materials, surfaces and increases     THE IMPACT OF GROWTH CONDITIONS ON THE MAGNETT       J192     Brelon     May     8/21     1:30 AM     Contributed     Lattice-mismatched epitaxy and alternative epitaxial subst EPITAXIAL NACL THIN FILMS FOR WATER-SOLUBLE GAAS       J076     Wolfram     Miller     8/321     11:54 M     Contributed     Slicon Carbide and Galium Oxide Materials and Devices KINETIC MONTE CARLO SIMULATIONS FOR HOMOEPITAXY       J110     Devis     Montroni     8/21     2:15 PM     Contributed     Thin film growth, epitaxy, and superialities     THERMODYNAMIC ANALYSIS OF IVYBEID VAPOR PITASES       J110     Devis     Montroni     8/21     2:00 PM     Contributed     Thin film growth, epitaxy, and superialities     THERMODYNAMIC ANALYSIS OF IVYBEID VAPOR PITASES       J1110     Mara	1395	Nadeemullah	Mahadik	8/2/21	3:00 PM	Invited	Characterization techniques for bulk and epitaxial crystal	COMPLIMENTARY INVESTIGATION OF EXTENDED DEFECTS
1307ElisabethManériell& 221315 PMContributedBN Eptaxial Growth and CharacterizationH-BN CHARACTERIZATION USING 4D STEM-IN-SEM AND A1232ZhiqiangMao& 202300 PMInvicedBulk Crystal GrowthLAYERED MAGNETIC TOPOLOGICAL MATERIAL (MNBE'S)1232BaclonMay& 8/211.30 PMInvicedDamterials, surfaces and interfacesTHE IMPACT OF GROWTH I CONDITIONS ON THE MAGNETIS1239BeclonMay& 8/211.150 AMContributedNanocrystals, quantum dos, and anonviresBENDING OF CORE-SHELL NANOWIRES BY ASYMMETRICS1340Moranoin& 8/211.155 AMContributedNanocrystals, quantum dos, and anonviresBENDING OF CORE-SHELL NANOWIRES BY ASYMMETRICS144KelseyMirrielees& 4/211.155 AMContributedHirothyde Materials and DevicesCOMPUTATIONAL STUDY OF FREE CARRIER COMPENSATIO145Koardina& 4/211.155 AMContributedHirot Biogical and Biominneic MaterialsSTRUCTURE-MECHANICAL PROPERTIES OF FHE MULTIPIA146Moranin& 8/421.015 AMContributedHirot Biogical and Biominneic MaterialsSTRUCTURE AND LOMINESCENT PROPERTIES OF FHT ANLA147Musherjee& 8/210.00 PMInvicedDetector Materials: Scintillators and SemiconductorsSUCCESSES AND CIALLENGES IN CRYSTAL GROWTH ID FILE148KunanMushkerjee& 8/210.00 PMInvicedMaterials: Scintillators and DevicesTOP-DOWN AND DOTTOM-UP MODELING OF AGGREGATIC149KianaMushkerjee <td< td=""><td>1198</td><td>Krishna</td><td>Mandal</td><td>8/3/21</td><td>10:30 AM</td><td>Invited</td><td>Detector Materials: Scintillators and Semiconductors</td><td>HIGH-RESOLUTION NUCLEAR RADIATION DETECTORS ON</td></td<>	1198	Krishna	Mandal	8/3/21	10:30 AM	Invited	Detector Materials: Scintillators and Semiconductors	HIGH-RESOLUTION NUCLEAR RADIATION DETECTORS ON
1233Nao8/2213:00 PMInvitedBulk Crystal GrowthLAYERED MAGNETIC TOPOLOGICAL MATERIALS (MNBI-s129AndrewMay8/3211:30 PMInvited2D materials, surfaces and interfacesTHE IMPACT OF GROWTH CONDITIONS ON THE MAGNETIS129PrelonMay8/3211:30 ANContributeAttice-mismatched epitaxy and alternative epitaxis ands EPITAXIAL NACT THIN FILMS FOR WATER-SOLUBLE GAASA1304SpencerMcDermott8/3211:154 AMContributedNanocrystals, quantum dots, and nanowiresBENDING OF CORE-SHELL NANOWIRES BY ASYMMETRIC S1016WelframMiller8/3211:154 AMContributedSilicon Carbide and Gallium Oxide Materials and DevicesCOMPUTATIONAL STUDY OF FREE CARRIER COMPENSATIO110DevisMontroni8/2212:15 PMContributedThin film growth, epitaxy, and superativesTHERMODYNAMIC ANALYSIS OF HYBRID VAPOR PHASE EI1115SharinaMatkerice8/4212:00 PMContributedThin film growth, epitaxy, and superativesSTRUCTURE-MECHANICAL PROPERTIES OF EPITAXIA1163KunalMukherice8/4213:00 PMContributedNarrow Bandgap Semiconductors and DevicesSTRUCTURE AND LUMINES/CENT PROPERTIES OF EPITAXIA1176KunalMukherice8/2211:00 PMContributedNarrow Bandgap Semiconductors and DevicesSTRUCTURE AND LUMINES/CENT PROPERTIES OF EPITAXIA1187SharinaMukherice8/2211:00 PMContributedMetro Malgap Semiconductors and DevicesSTRUCTURE AND LUMINES/CENT PROPERTIE	1031	John	Mangum	8/2/21	11:15 AM	Contributed	III-V Epitaxial Growth for Devices	HOMOEPITAXIAL GROWTH ON NANOPATTERNED GAAS SU
1280AndrewMay8/3/211/30 PMInvited2D matrials, surfaces and interfacesTHE IMPACT OF GROWTH CONDITIONS ON THE MAGNETIS129BrelonMay8/4/211/30 AMContributeLattice-mismatched epinxay and alternative epinxali subs EPITXXIAL NACL THIN FILMS FOR WATER-SOLUBLE GAASS130SpencerMcDerrott8/3/213/0.0 PMContributeNancerystals, guantum dots, and nanowiresBENDING OF CORES-SIELL NANOWIRES BY ASYMMETRIC S146KelseyMirrieles8/4/211/1.15 AMContributeBiological and Biomimetic MaterialsSTRUCTURE-MECHANICAL NANOWIRES DY ASYMMETRIC S147MinaMoradnia8/4/212/1.0 PMContributeBiological and Biomimetic MaterialsSTRUCTURE-MECHANICAL NAPOPERTISS OF THE MULTIPIIA148KanalMoradnia8/4/212/0.0 PMContributeDisological and Biomimetic MaterialsSTRUCTURE-MECHANICAL NAPOPERTISS OF THE MULTIPIIA149MinaMoradnia8/4/212/0.0 PMContributeDisological and Biomimetic MaterialsSTRUCTURE-MECHANICAL NAPOPERTISS OF THE MULTIPIIA140MainaMoradnia8/4/213/0.0 PMContributeDisological and Biomimetic MaterialsSTRUCTURE AND LAILENGES IN CAY STAL, GROWTH OY DE SEE CARRETIS1415ShaniarMutakangie8/2/219/45 AMContributeMaterials Ciributors and DevicesSTRUCTURE AND LAILENGES IN CAY STAL, GROWTH OY DE SEE CARRETIS1416KunalMukherjee8/2/211/0.0 PMInvitedMaterials Ciributors and DevicesSTRUCTURE AND L	1307	Elisabeth	Mansfield	8/2/21	3:15 PM	Contributed	BN Epitaxial Growth and Characterization	H-BN CHARACTERIZATION USING 4D STEM-IN-SEM AND AN
High     May     84/21     11:30 AM     Contribute     Lattice-mismatched epitaxy and alternative epitaxial subst EPITAXIAL NACL THIN FILMS FOR WATER-SOLUBLE GAAS       194     Spencer     McDermott     8/32     300 PM     Contributes     Nanocrystals, quantum dots, and annowires     BENDING OF CORE-SHELL NANOWIRES BY ASYMMETRICE S       107     Wolfram     Mirclees     8/421     11:15 AM     Contributes     Silicon Carbide and Gallium Oxide Materials and Devices COMPUTATIONAL STUDY OF FREE CARRIER COMPENSATIC       1100     Devis     Montroni     8/221     2:15 PM     Contributes     Thig Silicon Carbide and Gallium Oxide Materials     STRUCTURE-MECHANICAL PROPERTIES OF THE MULTIPHA       1101     Devis     Montroni     8/221     2:00 PM     Contributed     Thig film growth, epitaxy, and superlattices     THERMODYNAMIC ANALYSIS OF HYBRID VAPOR PHASE ED       1103     Kunal     Mukkerjee     8/221     9:04 M     Navied     Narow Bandgap Smiconductors and Devices     STRUCTURE AND LUMINESCENT PROPERTIES OF EPITAXIA       1103     Kunal     Mukkerjee     8/221     9:04 M     Navied     The's on Silicon     STRUCTURE AND LUMINESCENT PROPERTIES OF EPITAXIA       1104     Kunal	1253	Zhiqiang	Mao	8/2/21	3:00 PM	Invited	Bulk Crystal Growth	LAYERED MAGNETIC TOPOLOGICAL MATERIALS (MNBI <su< td=""></su<>
394SpencerMcDermott8/3/213:00 PMContributedNanocrystals, quantum dots, and nanowiresBENDING OF CORE-SHELL NANOWIRES BY ASYMMETRIC S1067WolframMiller8/3/2111:45 AMContributedSilicon Carbide and Gallium Oxide Materials and Devices KINETIC MONTE CARLO SIMULATIONS FOR HOMOEPITAXY1146KelseyMinricless8/4/2111:15 AMContributedBiological and Biominetic MaterialsSTRUCTURE-MECHANICAL PROPERTIES OF THE MULTIPIA1190MinaMorachnia8/4/212:00 PMContributedThin film growth, epitaxy, and superfatticesTHERMODYNAMIC ANALYSIS OF HYBRID VAPOR PHASE E11135ShariarMotakef8/3/213:00 PMInvitedDetector Materials: Scitulialors and SemiconductorsSUCCESSES AND CHALLENGES IN CRYSTAL GROWTH OF TI1136KunalMukherjee8/2/212:00 PMContributedNarrow Bandgap Semiconductors and DevicesSTRUCTURE ANALYSIN SUCCATIONS IN IL-V Q1137MudaMukherjee8/2/219:45 AMContributedNarrow Bandgap Semiconductors and DevicesSTRUCTURE AND LUMINESCENT PROPERTIES OF EPITAXIA1260ChristopherMund8/2/211:00 PMInvitedModeling of Crystal Growth for Devices>1:3 µM METAMORPHIC LASERS ON GAAS: A MOVP RECIPE1370RikcinMurakami8/2/211:00 PMInvitedBulk Crystal GrowthCHYSTAL GROWTH OF THE IRIDIUM-RHODIUM-RUTHENIU1380EnricaMurakami8/2/211:00 PMInvitedBulk Crystal GrowthCHYSTAL GROWTH OF THE IRIDIUM-RHODIUM	1280	Andrew	May	8/3/21	1:30 PM	Invited	2D materials, surfaces and interfaces	THE IMPACT OF GROWTH CONDITIONS ON THE MAGNETIS
Wolfram     Miller     8/321     11.45 AM     Contribute     Silicon Carbide and Galium Oxide Materials and Devices KINETIC MONTE CARLO SIMULATIONS FOR HOMOEPITAX       1146     Kelsey     Mirrielees     8/421     11.15 AM     Contributed     HI-V Wide Bandgap Nitride Semiconductors and Devices COMPUTATIONAL STUDY OF FREE CARRIER COMPENSATIC       1140     Devis     Montroni     8/21     21.51 FM     Contributed     Hin Film growth, epitaxy, and superlattices     THERMODYNAMIC ANALYSIS OF HYBRID VAPOR PHASE 1       1155     Shariar     Motakef     8/321     300 PM     Invited     Detector Materials: Scintillators and Semiconductors     SUCCESSES AND CHALLENCES IN CRYSTAL GROWTH OF TI       1163     Kunal     Mukherjee     8/21     9/45 AM     Contributed     HI-Vs on Silicon     PREVENTING DEGRADATION BY DISLOCATIONS IN III-V Q       1164     Kunal     Murka     8/21     100 PM     Invited     Materials Growth Processes     TOP-DOWN AND BOTTOM-UP MODELING OF AGGREGATIC       1169     Kunal     Mura     8/21     400 PM     Norice     BlaC Cystal Growth     CRYSTAL GROWTH OF TH EIRDIDWARHODUWARHUTHUNU       1205     Shuji     Nakamura     8/21 <td< td=""><td>1192</td><td>Brelon</td><td>May</td><td>8/4/21</td><td>11:30 AM</td><td>Contributed</td><td>Lattice-mismatched epitaxy and alternative epitaxial subst</td><td>t EPITAXIAL NACL THIN FILMS FOR WATER-SOLUBLE GAAS</td></td<>	1192	Brelon	May	8/4/21	11:30 AM	Contributed	Lattice-mismatched epitaxy and alternative epitaxial subst	t EPITAXIAL NACL THIN FILMS FOR WATER-SOLUBLE GAAS
1146KelseyMirrielees8/4/211:15 AMContributeIII-V Wide Bandgap Nitride Semiconductors and Devices COMPUTATIONAL STUDY OF FREE CARRIER COMPENSATION1110DevisMontoni8/2/212:15 PMContributeBiological and Biomimetic MaterialsSTRUCTURE-MECHANICAL PROPERTIES OF THE MULTIPHA1130MinaMoradnia8/4/212:00 PMContributeThin film growth, epiaxy, and superlatticesTHERMODYNAMIC ANALYSIS OF HYBRID V APOR PHASE EI1131ShariarMukherjee8/4/212:00 PMContributeThin film growth, epiaxy, and superlatticesTHERMODYNAMIC ANALYSIS OF HYBRID V APOR PHASE EI1135ShariarMukherjee8/4/212:00 PMContributeDetector Materials: Scintfillators and SemiconductorsDCCESSES AND CHALLENGES IN CRYSTAL GROWTH OF TI1136KunalMukherjee8/2/212:00 PMContributeMaterials: Scintfillators and DevicesSTRUCTURE AND LUMINESCENT PROPERTIES OF EPTTAXIA1140KunalMukray8/2/211:00 PMInvicedModeling of Crystal Growth fro Devices>1:3 µM METAMORPHIC LASERS ON GAAS: A MOVPE RECIP1178RikioMurakamia8/2/214:00 PMContributeBulk Crystal Growth fro Devices>1:3 µM METAMORPHIC LASERS ON GAAS: A MOVPE RECIP1178Nakamara8/2/218:30 AMInvitedBiological and Biomimetic MaterialsGENOMIC-BASED IDENTIFICATION OF PROTEINS REGULAT1276MichikoNemoto8/2/218:30 AMInvitedBiological and Biomimetic MaterialsGENOMIC-BASED IDENTIFICATIO	1394	Spencer	McDermott	8/3/21	3:00 PM	Contributed	Nanocrystals, quantum dots, and nanowires	BENDING OF CORE-SHELL NANOWIRES BY ASYMMETRIC SH
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1343EyanNoronha8/2/213:45 PMContributedModeling of Crystal Growth ProcessesWEAK STEFAN FORMULATION FOR BULK CRYSTAL GROW2001David J.Norris8/3/211:00 PMInvitedNanocrystals, quantum dots, and nanowiresDiscrete Growth in Semiconductor Nanocrystals: Nanoplatelets and 11069SergeiNovikov8/2/2110:30 AMInvitedBN Epitaxial Growth and CharacterizationHIGH-TEMPERATURE MBE OF HBN FOR SINGLE-PHOTON EP1073AndrewNovoselov8/2/2110:30 AMInvitedBN Epitaxial Growth and CharacterizationHIGH-TEMPERATURE MBE OF HBN FOR SINGLE-PHOTON EP1073AndrewNovoselov8/2/2110:30 AMInvitedBulk Crystal GrowthGROWTH OF LARGE SAPPHIRE CRYSTALS: LESSONS LEARN1223FabioNudelman8/3/2111:15 AMInvitedBiological and Biomimetic MaterialsDISORDERED FILAMENTS MEDIATE THE FIBRILOGENESIS OF1224YutakaOhnoPosterBulk Crystal GrowthTWINNING AT LINEAGES ACCOMPANIED WITH CRACKING1124TetsuoOkutsu8/3/213:45 PMContributedBiological and Biomimetic Materials1249JayabharathiPPosterNanocrystals, quantum dots, and nanowiresSYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	1220	Yuji	Noguchi	8/4/21	3:30 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured	VISIBLE-LIGHT ACTIVATION OF FERROELECTRIC PHOTOVO
David J.Norris8/3/211:00 PMInvitedNanocrystals, quantum dots, and nanowiresDiscrete Growth in Semiconductor Nanocrystals: Nanoplatelets and J.1069SergeiNovikov8/2/2110:30 AMInvitedBN Epitaxial Growth and CharacterizationHIGH-TEMPERATURE MBE OF HBN FOR SINGLE-PHOTON EPI1073AndrewNovoselov8/2/2110:30 AMInvitedBN Epitaxial Growth and CharacterizationHIGH-TEMPERATURE MBE OF HBN FOR SINGLE-PHOTON EPI1073AndrewNovoselov8/2/2110:30 AMInvitedBulk Crystal GrowthGROWTH OF LARGE SAPPHIRE CRYSTALS: LESSONS LEARN1223FabioNudelman8/3/2111:15 AMInvitedBiological and Biomimetic MaterialsDISORDERED FILAMENTS MEDIATE THE FIBRILOGENESIS OF1224YutakaOhnoPosterBulk Crystal GrowthTWINNING AT LINEAGES ACCOMPANIED WITH CRACKING1124TetsuoOkutsu8/3/213:45 PMContributedBiological and Biomimetic MaterialsPROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASN1249JayabharathiPPosterPosterNanocrystals, quantum dots, and nanowiresSYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	1142	Willem	Noorduin	8/4/21	8:30 AM	Invited	Symposium on Twisted Crystals	HELICAL SELF-ASSEMBLED NANOCOMPOSITES
M069SergeiNovikov8/2/2110:30 AMInvitedBN Epitaxial Growth and CharacterizationHIGH-TEMPERATURE MBE OF HBN FOR SINGLE-PHOTON ET1073AndrewNovoselov8/2/2110:30 AMInvitedBulk Crystal GrowthGROWTH OF LARGE SAPPHIRE CRYSTALS: LESSONS LEARN1223FabioNudelman8/3/2111:15 AMInvitedBiological and Biomimetic MaterialsDISORDERED FILAMENTS MEDIATE THE FIBRILOGENESIS OF1224YutakaOhno-PosterBulk Crystal GrowthTWINNING AT LINEAGES ACCOMPANIED WITH CRACKING1124TetsuoOkutsu8/3/213:45 PMContributedBiological and Biomimetic MaterialsPROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASM1249JayabharathiP-PosterNanocrystals, quantum dots, and nanowiresSYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	1343	Eyan	Noronha	8/2/21	3:45 PM	Contributed	Modeling of Crystal Growth Processes	WEAK STEFAN FORMULATION FOR BULK CRYSTAL GROWT
M069SergeiNovikov8/2/2110:30 AMInvitedBN Epitaxial Growth and CharacterizationHIGH-TEMPERATURE MBE OF HBN FOR SINGLE-PHOTON ET1073AndrewNovoselov8/2/2110:30 AMInvitedBulk Crystal GrowthGROWTH OF LARGE SAPPHIRE CRYSTALS: LESSONS LEARN1223FabioNudelman8/3/2111:15 AMInvitedBiological and Biomimetic MaterialsDISORDERED FILAMENTS MEDIATE THE FIBRILOGENESIS OF1224YutakaOhno-PosterBulk Crystal GrowthTWINNING AT LINEAGES ACCOMPANIED WITH CRACKING1124TetsuoOkutsu8/3/213:45 PMContributedBiological and Biomimetic MaterialsPROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASM1249JayabharathiP-PosterNanocrystals, quantum dots, and nanowiresSYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	2001	David J.	Norris	8/3/21	1:00 PM	Invited	Nanocrystals, quantum dots, and nanowires	Discrete Growth in Semiconductor Nanocrystals: Nanoplatelets and M
1073AndrewNovoselov8/2/2110:30 AMInvitedBulk Crystal GrowthGROWTH OF LARGE SAPPHIRE CRYSTALS: LESSONS LEARN1223FabioNudelman8/3/2111:15 AMInvitedBiological and Biomimetic MaterialsDISORDERED FILAMENTS MEDIATE THE FIBRILOGENESIS ( TWINNING AT LINEAGES ACCOMPANIED WITH CRACKING)1224YutakaOhnoPosterBulk Crystal GrowthTWINNING AT LINEAGES ACCOMPANIED WITH CRACKING)1124TetsuoOkutsu8/3/213:45 PMContributedBiological and Biomimetic MaterialsPROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASN1249JayabharathiPPosterNanocrystals, quantum dots, and nanowiresSYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	1069	Sergei	Novikov	8/2/21	10:30 AM	Invited		HIGH-TEMPERATURE MBE OF HBN FOR SINGLE-PHOTON EM
I224YutakaOhnoPosterBulk Crystal GrowthTWINNING AT LINEAGES ACCOMPANIED WITH CRACKINGI124TetsuoOkutsu8/3/213:45 PMContributedBiological and Biomimetic MaterialsPROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASMI249JayabharathiPPosterNanocrystals, quantum dots, and nanowiresSYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	1073	Andrew	Novoselov	8/2/21	10:30 AM	Invited	•	GROWTH OF LARGE SAPPHIRE CRYSTALS: LESSONS LEARNI
1124TetsuoOkutsu8/3/213:45 PMContributedBiological and Biomimetic MaterialsPROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASM1249JayabharathiPPosterNanocrystals, quantum dots, and nanowiresSYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	1223	Fabio	Nudelman	8/3/21	11:15 AM	Invited	Biological and Biomimetic Materials	DISORDERED FILAMENTS MEDIATE THE FIBRILOGENESIS C
1124TetsuoOkutsu8/3/213:45 PMContributedBiological and Biomimetic MaterialsPROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASM1249JayabharathiPPosterNanocrystals, quantum dots, and nanowiresSYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	1224	Yutaka	Ohno			Poster	Bulk Crystal Growth	TWINNING AT LINEAGES ACCOMPANIED WITH CRACKING
1249 Jayabharathi P Poster Nanocrystals, quantum dots, and nanowires SYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N	1124	Tetsuo	Okutsu	8/3/21	3:45 PM	Contributed	Biological and Biomimetic Materials	PROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASM
	1249	Jayabharathi	Р			Poster	-	SYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE N
	1325	,	Palmer	8/3/21	3:00 PM	Invited		CRYSTAL GROWTH BY DIMERS - THE CASE OF OLANZAPINE

1218	Robert	Pansu	8/4/21	9:30 AM	Contributed	Symposium on Nucleation in Microfluidics	FLUORESCENCE LIFETIME IMAGING OF THE LASER INDUCEI
1251	Amish	Patel	8/4/21	1:00 PM	Invited	Modeling of Crystal Growth Processes	HOW DO ANTIFREEZE PROTEINS RECOGNIZE AND BIND ICE
1178	Swanand	Pawar	8/4/21	10:30 AM	Contributed	Detector Materials: Scintillators and Semiconductors	ANALYSIS OF THE DYNAMICS OF THE BRIDGMAN GROWTH
1181	Swanand	Pawar	8/4/21	2:15 PM	Contributed	Modeling of Crystal Growth Processes	NEW MODELS FOR PARTICLE MIGRATION UNDER THERMAL
1264	Michael	Pedowitz	8/3/21	2:15 PM	Contributed	2D materials, surfaces and interfaces	TRANSFORMATION OF BIRNESSITE MNO <sub>2</sub> ON EPIT
1168	Hongyu	Peng	8/2/21	11:30 AM	Contributed		DISLOCATION CONTRAST ON X-RAY TOPOGRAPHS UNDER W
1166	Hongyu	Peng	8/3/21	3:30 PM	Contributed	1 1 7	SYNCHROTRON X-RAY TOPOGRAPHIC IMAGE OF DISLOCATI
1336	Baron	Peters	8/3/21	3:30 PM	Invited	Modeling of Crystal Growth Processes	DIABAT METHOD FOR POLYMORPH FREE ENERGIES: EXTENS
1320	Matheus	Pianassola	8/2/21	3:30 PM	Contributed	Bulk Crystal Growth	CZOCHRALSKI GROWTH AND ELEMENTAL DISTRIBUTION IN
1321	Matheus	Pianassola	8/2/21	3:45 PM	Contributed	Bulk Crystal Growth	EFFECTS OF MULTICOMPONENT COMPOSITIONS ON PHASE F(
1227	Siddha	Pimputkar	8/2/21	1:45 PM	Invited	Advanced Crystal Growth Technology and Equipment	PUSHING THE BOUNDARY ON NITRIDE-SYNTHESIS EQUIPME
1047	Alireza	Pirnia	8/4/21	9:15 AM	Contributed	Fundamentals of Crystal Growth	WHAT AFFECTS THE SHAPE OF LEADING EDGE IN HORIZON.
1030	Oliver	Pitts	8/2/21	4:15 PM	Contributed	III-V Epitaxial Growth for Devices	UNIFORMITY IMPROVEMENT OF INGAAS AVALANCHE PHOT
1317	Boaz	Pokroy	8/4/21	11:15 AM	Invited	Biological and Biomimetic Materials	USING OLD TRICKS ON NEW MATERIALS
1266	Volodymyr	Popovych			Poster	Detector Materials: Scintillators and Semiconductors	THE EFFECT OF DOPING WITH HALOGENS ON THE HARDNES
1189	Sara	Pouladi	8/3/21	11:15 AM	Contributed	Materials for photovoltaics and other energy technologies	SINGLE-CRYSTAL-LIKE GAAS THIN FILMS PASSIVATED BY H
1270	Dharmalingam	Prabhakaran	8/2/21	3:00 PM	Invited	Advanced Crystal Growth Technology and Equipment	<crystal for="" growth="" materia<="" quantum="" td="" techniques=""></crystal>
1075	Kevin	Pritchard	8/4/21	10:45 AM	Invited	Detector Materials: Scintillators and Semiconductors	DETECTING NEUTRONS. SCINTILLATOR CRYSTALS AND SEM
1050	Jolanta	Prywer	8/2/21	1:30 PM	Contributed	Biological and Biomimetic Materials	DAILY COCA-COLA INTAKE VERSUS THE CRYSTALLIZATION
1238	Zi Q.	Qiu	8/4/21	11:00 AM	Invited	2D materials, surfaces and interfaces	MAGNETIC STRIPE DOMAINS AND SKYRMIONS IN VAN DER
1289	Balaji	Raghothamachar	8/4/21	11:30 AM	Invited	III-V Wide Bandgap Nitride Semiconductors and Devices	APPLICATION OF SYNCHROTRON X-RAY TOPOGRAPHY TO C
1402	Naik	Rajesh	8/3/21	10:30 AM	Invited	Biological and Biomimetic Materials	PROTEIN IONIC LIQUID BASED MATERIALS
1287	Shashwat	Rathkanthiwar	8/4/21	2:15 PM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	SI DOPED HOMOEPITAXIAL GAN DRIFT LAYERS ON SINGLE
1323	Alexey	Redkov			Poster	Thin film growth, epitaxy, and superlattices	STEPS AS A TOOL FOR SELF-ORGANIZATION OF NANOISLAN
1187	Joan	Redwing	8/4/21	3:00 PM	Contributed	2D materials, surfaces and interfaces	UNIDIRECTIONAL EPITAXY OF TMD MONOLAYERS ON SAPP
1077	Christian	Reimann	8/2/21	4:00 PM	Invited	Characterization techniques for bulk and epitaxial crystal	MORE INSIGHTS IN SEMICONDUCTOR MATERIAL QUALITY V
1260	Trevor David	Rhone	8/3/21	10:30 AM	Invited	2D materials, surfaces and interfaces	DATA-DRIVEN STUDIES OF MAGNETIC VAN DER WAALS MA
1329	Vladimir	Riabov	8/4/21	3:45 PM	Contributed	Modeling of Crystal Growth Processes	SIMULATION-AIDED DESIGN AND INTERPRETATION OF RES
1155	Anthony	Rice	8/4/21	10:30 AM	Invited	III-V Wide Bandgap Nitride Semiconductors and Devices	DEFECT SPECTROSCOPY AND REDUCED COMPENSATION OF U
1300	Jeffrey	Rimer	8/3/21	11:00 AM	Invited	Fundamentals of Crystal Growth	UNIQUE MECHANISMS OF MOLECULAR MODIFIERS IN CRYST
1301	Jeffrey	Rimer	8/4/21	9:15 AM	Contributed	Symposium on Nucleation in Microfluidics	MICROFLUIDICS AS A PLATFORM TO ELUCIDATE THE MODE
1042	David	Robinson	8/4/21	2:15 PM	Contributed	Symposium on Metal Nanoparticle Nucleation and Growth	IMPROVED SCALABILITY OF PALLADIUM NANOCRYSTAL SY
1173	Evyn	Routh	8/2/21	3:15 PM	Contributed	III-V Epitaxial Growth for Devices	TOWARDS INCREASED INDIUM CONTENT IN <sub>Y</sub> GA
1319	Daniel	Rutstrom	8/4/21	1:45 PM	Contributed	Detector Materials: Scintillators and Semiconductors	THE SEARCH FOR A LUMINESCENT ACTIVATOR FOR TERNAR
1021	Ida	Sadeghi	8/4/21	3:30 PM	Contributed	Thin film growth, epitaxy, and superlattices	GROWTH OF CHALCOGENIDE PEROVSKITE THIN FILMS BY M
1299	Theresa	Saenz	8/4/21	9:30 AM	Contributed	III-Vs on Silicon	PREPARATION OF V-GROOVE SI SUBSTRATES IN AN OMVPE F
1302	Shantanu	Saha	8/2/21	2:15 PM	Contributed	BN Epitaxial Growth and Characterization	CHARACTERIZATIONS OF STRAINED HEXAGONAL BORON N
1037	Kevin	Schulte	8/4/21		Contributed		HIGH GROWTH RATE GAINP GRADED BUFFERS AND METAM
1091	Peter	Schunemann	8/3/21	1:30 PM	Invited	Nonlinear Optical and Laser Host Materials	TUNABLE 4-12 MICRON OP-GAP OPO CRYSTALS GROWN BY F
1043	Boris	Seredin			Poster	Advanced Crystal Growth Technology and Equipment	GALLIUM DOPED SILICON THROUGH CHANNELS PROCESSEE
1152	DIMPLE	SHAH			Poster	Nanocrystals, quantum dots, and nanowires	SYNTHESIS AND CHARACTERIZATION OF TRANSITION MET/

1236	Zhiyuan	Shi	8/2/21	3:00 PM	Contributed	BN Epitaxial Growth and Characterization	VAPOR-LIQUID-SOLID GROWTH OF MULTILAYERED HEXAG
1285	Gavin	Sison	8/3/21	2:15 PM	Contributed	Materials for photovoltaics and other energy technologies	IN SITU SOLIDIFICATION STUDY OF SI <sub>1-X</sub> GE <sub></sub>
1303	Uthayakumar	Sivaperumal	8/2/21	3:45 PM	Contributed	Advanced Crystal Growth Technology and Equipment	E <b>XPLORING A NEW CLASS OF EXPERIMENTS TO STUDY E</b>
1406	Sara	Skrabalak	8/4/21	1:00 PM	Invited	Symposium on Metal Nanoparticle Nucleation and Growth	REGIOSELECTIVITY AND CHEMOSELECTIVITY IN NANOCRY
1174	Michael	Snure	8/2/21	1:00 PM	Invited	BN Epitaxial Growth and Characterization	DEVELOPMENT OF CVD GROWN HBN FOR SCALABLE 2D ELE
1161	Ellis	Spickermann			Poster	Thin film growth, epitaxy, and superlattices	DEVELOPMENT OF MOLYBDENUM <sub>1-X</sub> TUNGSTEN
1309	Luis	Stand	8/4/21	1:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	CRYSTAL GROWTH OF KSR <sub>2</sub> 1 <sub>5</sub> AND LIS
1286	Isabel	Streicher			Poster	III-V Epitaxial Growth for Devices	EFFECT OF V/III RATIO AND GROWTH PRESSURE ON SURFACI
16	Kirill	Subbotin			Poster	Bulk Crystal Growth	THE INFLUENCE OF SYNTHESIS CONDITIONS OF YB:CAWO <s< td=""></s<>
1046	Kirill	Subbotin			Poster	Bulk Crystal Growth	EFFECT OF LI <sup>+</sup> CODOPING ON THE PROPERTIES C
1380	Sergey	Suchalkin	8/2/21	1:00 PM	Invited	Narrow Bandgap Semiconductors and Devices	METAMORPHIC INASSB SUPERLATTICES FOR LONG WAVE OI
1024	Takahiro	Suda			Poster	Bulk Crystal Growth	CRYSTAL GROWTH OF LA <sub>2</sub> HF <sub>2</sub> O <sub></sub>
1248	R. Radhakrishn	a Sumathi	8/3/21	11:00 AM	Invited	Detector Materials: Scintillators and Semiconductors	HIGH-PURITY GERMANIUM CRYSTAL GROWTH AND ITS SPEC
1177	Maria	Sushko	8/2/21	10:30 AM	Invited	Fundamentals of Crystal Growth	INTERFACIAL DRIVERS FOR NON - CLASSICAL CRYSTALLIZA
1229	Mariano	Susman	8/2/21	2:00 PM	Contributed	Bulk Crystal Growth	MOLTEN SALT SYNTHESIS OF NIO, MGO, AND THEIR MIXED
1176	Peter	Sutter	8/4/21	9:00 AM	Invited	2D materials, surfaces and interfaces	BEYOND 2D MATERIALS: LAYERED CRYSTALS WITH A TWIS
1112	Eli	Sutter	8/4/21	9:30 AM	Invited	Symposium on Twisted Crystals	CHIRAL TWISTED VAN DER WAALS NANOWIRES
1193	Santosh	Swain	8/4/21	3:00 PM	Contributed	Detector Materials: Scintillators and Semiconductors	BULK CRYSTAL GROWTH OF CESIUM LEAD BROMIDE FOR GA
1115	Dennis	Szymanski	8/2/21	4:00 PM	Contributed	III-V Epitaxial Growth for Devices	A PATHWAY TOWARDS III-NITRIDE SUPERJUNCTIONS
1045	Yui	Takizawa	8/2/21	1:00 PM	Contributed	Bulk Crystal Growth	GROWTH AND SCINTILLATION PROPERTIES OF BACL2/NACL/
1034	Vitalyi	Talanin	8/4/21	2:00 PM	Contributed	Modeling of Crystal Growth Processes	FORMATION OF STRUCTURAL IMPERFECTIONS IN DISLOCAT
1132	Ruikang	Tang	8/2/21	4:00 PM	Invited	Biological and Biomimetic Materials	CROSSLINKING OF INORGANIC IONIC OLIGOMERS FOR NON(
1297	Weiwei	Tang	8/3/21	11:45 AM	Contributed	Fundamentals of Crystal Growth	TAUTOMERISM UNVEILS A SELF-INHIBITION MECHANISM O
1324	Takashi	Taniguchi	8/2/21	3:45 PM	Invited	BN Epitaxial Growth and Characterization	SYNTHESIS OF BN CRYSTALS BY USING SOLVENT GROWTH #
1391	Vladimir	Tassev	8/4/21	10:30 AM	Invited	Lattice-mismatched epitaxy and alternative epitaxial subs	t HETEROEPITAXIAL GROWTH AND STUDY OF BINARY AND 1
1405	Kimberly	Thelander	8/4/21	1:00 PM	Invited	Thin film growth, epitaxy, and superlattices	UNDERSTANDING THE DYNAMICS OF SEMICONDUCTOR NA?
1179	Reyhaneh	Toufanian	8/3/21	2:15 PM	Contributed	Nanocrystals, quantum dots, and nanowires	ENGINEERING BRIGHTNESS-MATCHED INDIUM PHOSPHIDE
1180	Reyhaneh	Toufanian	8/3/21	4:00 PM	Contributed	Nanocrystals, quantum dots, and nanowires	QUANTUM DOTS BASED WAVELENGTH SHIFTING PHOTON I
1233	Priscilla D	Trixy			Poster	Nanocrystals, quantum dots, and nanowires	INFLUENCE OF PH ON SYNTHESIS OF BISMUTH MOLYBATE (I
1250	Zhiyin	Tu	8/3/21	11:30 AM	Contributed	2D materials, surfaces and interfaces	AMBIENT EFFECTS ON METALLIC TWO-DIMENSIONAL MAG
1293	James	Tweedie	8/4/21	9:00 AM	Invited	III-V Wide Bandgap Nitride Semiconductors and Devices	ADVANCES IN ION IMPLANTATION OF GAN AND ALN
6	Mustafa	Ünal			Poster	Bulk Crystal Growth	INVESTIGATION OF CDZNTE INGOTS GROWN BY THM FURN.
1242	Stijn	Van Cleuvenberge	¢ 8/2/21	4:30 PM	Contributed	· · · · · · · · · · · · · · · · · · ·	NUCLEATION, COALESCENCE AND STRUCTURAL TRANSITIO
1244	Stijn	Van Cleuvenberge		11:15 AM	Contributed	Fundamentals of Crystal Growth	SELF-ASSEMBLY AND CRYSTALLIZATION OF CONJUGATED I
1213	Edgar	van Loef	8/4/21	1:30 PM	Contributed	Detector Materials: Scintillators and Semiconductors	CRYSTAL GROWTH AND SCINTILLATION PROPERTIES <b></b>
1213	Peter	Vekilov	8/3/21	10:30 AM	Invited	Fundamentals of Crystal Growth	CRYSTAL NUCLEATION CAN BE CONTROLLED BY MANIPUL
1051	Matias	Velazquez	8/2/21		Contributed	Bulk Crystal Growth	CZOCHRALSKI GROWTH OF LARGE LI <sub>2</sub> MOO <sub></sub>
1290	Victor	Veliadis	8/2/21	10:30 AM		-	SIC POWER DEVICE MASS COMMERCIALIZATION: PRESENT S'
1061	Lakshmanji	Verma	8/4/21		Contributed	Fundamentals of Crystal Growth	WHAT DO ALL-ATOM MOLECULAR SIMULATION OF ORGAN
1001	Ezhil	Vizhi		20110 1111	Poster	Fundamentals of Crystal Growth	INVESTIGATIONS ON NUCLEATION KINETICS AND DIELECT
1097	Ezhil	Vizhi	8/3/21	4:15 PM	Contributed	Nanocrystals, quantum dots, and nanowires	STRUCTURAL, OPTICAL AND ROOM TEMPERATURE MAGNET
1077	LEIII	V 12-111	0/3/21	4.15 I IVI	contributed	ranoerysans, quantum dots, and nanownes	STRUCTURE, OF HERE AND ROOM TEMELATORE MAGNET

1160	Ezhil	Vizhi			Poster	Nanocrystals, quantum dots, and nanowires	STRUCTURAL, MORPHOLOGICAL AND MAGNETIC PROPERTII
1165	Ezhil	Vizhi			Poster	Nanocrystals, quantum dots, and nanowires	DEVELOPMENT OF HARD AND SOFT NANOCOMPOSITE FERRI
1206	Ezhil	Vizhi			Poster	Nanocrystals, quantum dots, and nanowires	STRUCTURAL AND MAGNETIC PROPERTIES OF SPARK PLASM
1101	Ezhil	Vizhi	8/3/21	1:45 PM	Contributed	Nonlinear Optical and Laser Host Materials	<b>INVESTIGATION ON NUCLEATION KINETICS, GROWTH A</b>
1100	Ezhil	Vizhi	8/3/21	2:00 PM	Contributed	Nonlinear Optical and Laser Host Materials	SYNTHESIS, GROWTH AND CHARACTERIZATION OF SEMIOR
1182	Daniel	Vizman	8/2/21	4:15 PM	Contributed	Modeling of Crystal Growth Processes	INFLUENCE OF CRUCIBLE ROTATION ON THE TEMPERATURE
1409	Kerstin	Volz	8/2/21	10:30 AM	Invited	III-V Epitaxial Growth for Devices	GA(AS,BI) GA(N,AS) W-TYPE LASER STRUCTURES FOR LONG-
1102	Taifeng	Wang	8/2/21	3:00 PM	Contributed	Biological and Biomimetic Materials	STRUCTRAL DEVELOPMENT AND TOPOTACTIC PHASE TRANS
1237	Huishan	Wang	8/2/21	3:30 PM	Contributed	BN Epitaxial Growth and Characterization	TOWARDS CHIRALITY CONTROL OF GRAPHENE NANORIBBO
14	Yusu	Wang	8/2/21	3:45 PM	Contributed	Characterization techniques for bulk and epitaxial crystal	SAMPLE ENVIRONMENT EFFECTS ON SYNCHROTRON-MEASU
1072	Lijuan	Wang	8/2/21	11:45 AM	Contributed	Fundamentals of Crystal Growth	INVESTIGATION OF VATERITE GROWTH UNDER CONTROLL
1093	George	Wang	8/4/21	1:00 PM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	NANOSCALE GAN VACUUM ELECTRONICS OPERATING IN AI
1098	Guojian	Wang	8/3/21	4:00 PM	Contributed	Third Symposium on Ferroelectric Crystals and Textured	GROWTH AND CHARACTERIZATION OF PMN-PT CRYSTALS B
1060	Yuechuan	Xu	8/3/21	3:00 PM	Contributed	Biological and Biomimetic Materials	THE GROWTH MECHANISM AND CONTROL PARAMETERS OF
1159	Shining	Xu	8/2/21	3:00 PM	Contributed	III-V Epitaxial Growth for Devices	<ingaas><alinas><inp> QUANTUM CASCADE LASER GRO</inp></alinas></ingaas>
1156	Dongfeng	Xue	8/4/21	4:00 PM	Invited	Biological and Biomimetic Materials	CRYSTAL ENGINEERING OF ELECTRODE MATERIALS TOWAI
1185	Sakshi	Yadav	8/2/21	1:15 PM	Contributed	Biological and Biomimetic Materials	DESIGNED INTERFACES BETWEEN PROTEINS AND INORGAN
1022	David	Yang	8/3/21	11:45 AM	Contributed	Biological and Biomimetic Materials	TWO STEP NUCLEATION OF FIBRILS OF THE TUMOR SUPPRES
1294	Mingze	Yang	8/3/21	3:15 PM	Contributed	Nanocrystals, quantum dots, and nanowires	CARRIER COLLECTION KINETICS IN CORE-SHELL GAAS NAN
1140	Chunhui	Yang	8/3/21	10:30 AM	Invited	Nonlinear Optical and Laser Host Materials	LARGE ZNGEP <sub>2</sub> SINGLE CRYSTALS FOR HIGH POV
1113	Yuui	Yokota			Poster	Bulk Crystal Growth	MICROSTRUCTURE AND THERMOELECTRIC PROPERTIES OF L
1276	Takeshi	Yoshikawa	8/2/21	10:30 AM	Invited	Characterization techniques for bulk and epitaxial crystal	IN-SITU INTERFACE OBSERVATION OF SOLUTION GROWTH (
1196	Akira	Yoshikawa	8/3/21	1:45 PM	Contributed	Detector Materials: Scintillators and Semiconductors	PRECIOUS METAL CRUCIBLE-FREE BULK CRYSTAL GROWTH
1065	Masao	Yoshino	8/4/21	11:30 AM	Contributed	Detector Materials: Scintillators and Semiconductors	GROWTH AND SCINTILLATION PROPERTIES OF (LI,CA)I <sub></sub>
1129	Masao	Yoshino			Poster	Detector Materials: Scintillators and Semiconductors	CRYSTAL GROWTH AND SCINTILLATION PROPERTIES OF TU
1310	Yi	Yuan	8/3/21	4:15 PM	Contributed	Third Symposium on Ferroelectric Crystals and Textured	GROWTH AND CHARACTERIZATION OF A NEW BISMUTH-BA
1121	Kevin	Zawilski	8/3/21	11:00 AM	Contributed	Nonlinear Optical and Laser Host Materials	CDSIP <sub>2</sub> AND ZNGEP <sub>2</sub> : COMPARISO
1049	Markus	Zenk	8/2/21	2:00 PM	Contributed	Modeling of Crystal Growth Processes	INVESTIGATIONS OF GAS FLOW INSTABILITIES IN UP-FLOW
1080	Hang	Zhai	8/4/21	11:45 AM	Contributed	Biological and Biomimetic Materials	POLYCATION-POLYANION COACERVATION PROCESSES REG
1074	Shuai	Zhang	8/3/21	2:00 PM	Invited	Biological and Biomimetic Materials	DIVERSE ASSEMBLY OF SHORT SEQUENCE PEPTOIDS ON MOS
1296	Liuyan	Zhao	8/3/21	4:00 PM	Invited	2D materials, surfaces and interfaces	TWISTING ENGINEERING OF TWO-DIMENSIONAL MAGNETI
2008	Yuzhou	Zhao	8/4/21	11:00 AM	Invited	Symposium on Twisted Crystals	SUPERTWSITED SPIRALS OF LAYERED MATERIALS ENABLED
1150	Taras	Zhezhera	8/3/21	4:15 PM	Contributed	Materials for photovoltaics and other energy technologies	LUMINESCENCE OF NOVEL BI <sub>3</sub> TEBO <sub>9</sub>
1199	Catherine	Zhou	8/4/21	3:45 PM	Contributed	Thin film growth, epitaxy, and superlattices	COMBINATORIAL SUBSTRATE EPITAXY OF METASTABLE CO
1086	Zhaoyong	Zou	8/2/21	1:00 PM	Contributed	Biological and Biomimetic Materials	HOW ADDITIVES CONTROL THE STABILITY AND CRYSTALL