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
1292	Cheng	Gong	8/3/21	11:00 AM	Invited	2D materials, surfaces and interfaces	2D MAGNETS AND 2D MAGNETISM
1250	Zhiyin	Tu	8/3/21	11:30 AM	Contributed	2D materials, surfaces and interfaces	AMBIENT EFFECTS ON METALLIC TWO-DIMENSIONAL MAGI
1267	Paola	Barbara	8/3/21	1:00 PM	Invited	2D materials, surfaces and interfaces	GRAPHENE QUANTUM DOTS BOLOMETERS FOR STUDIES OF
1280	Andrew	May	8/3/21	1:30 PM	Invited	2D materials, surfaces and interfaces	THE IMPACT OF GROWTH CONDITIONS ON THE MAGNETISM
1313	Ihteyaz	Avash	8/3/21	2:00 PM	Contributed	2D materials, surfaces and interfaces	SYNTHESIS AND CHARACTERIZATION OF MANGANESE (IV)
1264	Michael	Pedowitz	8/3/21	2:15 PM	Contributed	2D materials, surfaces and interfaces	TRANSFORMATION OF BIRNESSITE MNO₂ON EPIT
1322	Angela	Hight Walker	8/3/21	3:00 PM	Invited	2D materials, surfaces and interfaces	MAGNON-PHONON HYBRIDIZATION IN THE QUASI-2D ANTI
1247	Xi	Ling	8/3/21	3:30 PM	Invited	2D materials, surfaces and interfaces	SPIN-INDUCED LINEAR POLARIZATION OF PHOTOLUMINESC
1296	Liuyan	Zhao	8/3/21	4:00 PM	Invited	2D materials, surfaces and interfaces	TWISTING ENGINEERING OF TWO-DIMENSIONAL MAGNETI
1265	Shoufeng	Lan	8/4/21	8:30 AM	Invited	2D materials, surfaces and interfaces	CHIRALITY, MAGNETISM, AND THEIR INTERPLAY
1176	Peter	Sutter	8/4/21	9:00 AM	Invited	2D materials, surfaces and interfaces	BEYOND 2D MATERIALS: LAYERED CRYSTALS WITH A TWIS
1288	Xianglin	Ke	8/4/21	9:30 AM	Invited	2D materials, surfaces and interfaces	ELECTRONIC AND MAGNETIC PROPERTIES OF QUASI-2D TOP
1239	Matthias	Batzill	8/4/21	10:30 AM	Invited	2D materials, surfaces and interfaces	CR_(1+δ)TE₂ INTERCALATION COMPOU
1238	Zi Q.	Qiu	8/4/21	11:00 AM	Invited	2D materials, surfaces and interfaces	MAGNETIC STRIPE DOMAINS AND SKYRMIONS IN VAN DER
1284	Soaram	Kim	8/4/21	1:00 PM	Invited	2D materials, surfaces and interfaces	EPITAXIAL GRAPHENE BASED SENSOR FOR RAPID DETECTIO
1258	Jimmy	Kotsakidis	8/4/21	1:30 PM	Invited	2D materials, surfaces and interfaces	INCREASING THE MAGNESIUM INTERCALATION RATE FOR T
1261	Petr	Neugebauer	8/4/21	2:00 PM	Invited	2D materials, surfaces and interfaces	CONTACTLESS MILLIMETER WAVE METHOD FOR QUALITY
1187	Joan	Redwing	8/4/21	3:00 PM	Contributed	2D materials, surfaces and interfaces	UNIDIRECTIONAL EPITAXY OF TMD MONOLAYERS ON SAPP
1048	Sungjun	Kim	8/4/21	3:15 PM	Contributed	2D materials, surfaces and interfaces	MOLYBDENUM DISULFIDE BASED SYNAPTIC DEVICE FOR NE
1273	Jun	Cao	8/4/21	3:30 PM	Contributed	2D materials, surfaces and interfaces	ULTRATHIN GAN CRYSTAL REALIZED THROUGH NITROGEN
1308	Anushka	Bansal	8/4/21	3:45 PM	Contributed	2D materials, surfaces and interfaces	TOWARDS A MECHANISTIC UNDERSTANDING OF THE FORM.
1191	Jeffrey	Kronz	8/4/21	4:00 PM	Contributed	2D materials, surfaces and interfaces	HIGH TEMPERATURE CONVERSION AND CRYSTALLIZATION
1275	Chen	Chen	8/4/21	4:15 PM	Contributed	2D materials, surfaces and interfaces	DIRECTIONAL ETCHING FOR HIGH ASPECT RATIO NANO-TRI
1338	Danilo	Crippa	8/2/21	1:00 PM	Invited	Advanced Crystal Growth Technology and Equipment	A NOVEL 200MM SILICON CARBIDE EPITAXIAL REACTOR FO
1026	Dong Yeong	Kim	8/2/21	1:30 PM	Contributed	Advanced Crystal Growth Technology and Equipment	THERMAL LASER EPITAXY OF OXIDE FILMS
1227	Siddha	Pimputkar	8/2/21	1:45 PM	Invited	Advanced Crystal Growth Technology and Equipment	PUSHING THE BOUNDARY ON NITRIDE-SYNTHESIS EQUIPME
1136	Karthickraja	D.	8/2/21	2:15 PM	Contributed	Advanced Crystal Growth Technology and Equipment	FABRICATION OF NIR TRIGGERED AND NIR EMITTING DOWI
1270	Dharmalingam	Prabhakaran	8/2/21	3:00 PM	Invited	Advanced Crystal Growth Technology and Equipment	<CRYSTAL GROWTH TECHNIQUES FOR QUANTUM MATERIA
1234	Omar	Gowayed	8/2/21	3:30 PM	Contributed	Advanced Crystal Growth Technology and Equipment	INVESTIGATION OF LASER-INDUCED PHASE-SEPARATED DR
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 D
13	Michael	Gonik			Poster	Advanced Crystal Growth Technology and Equipment	MODIFIED FZ TECHNIQUE FOR OXIDES CRYSTAL GROWTH
1043	Boris	Seredin			Poster	Advanced Crystal Growth Technology and Equipment	GALLIUM DOPED SILICON THROUGH CHANNELS PROCESSED
1225	Helmut	Coelfen	8/2/21	10:30 AM	Invited	Biological and Biomimetic Materials	BIO-INSPIRED MINERALIZATION FOR MEDICAL APPLICATIO
1131	Hermann	Ehrlich	8/2/21	11:15 AM	Invited	Biological and Biomimetic Materials	GIANT BIOMINERALS
1079	Assaf	Gal	8/2/21	11:45 AM	Contributed	Biological and Biomimetic Materials	MORPHOLOGICAL COMPLEXITY OF GROWING CALCITE CRY
1086	Zhaoyong	Zou	8/2/21	1:00 PM	Contributed	Biological and Biomimetic Materials	HOW ADDITIVES CONTROL THE STABILITY AND CRYSTALL
1185	Sakshi	Yadav	8/2/21	1:15 PM	Contributed	Biological and Biomimetic Materials	DESIGNED INTERFACES BETWEEN PROTEINS AND INORGAN
1050	Jolanta	Prywer	8/2/21	1:30 PM	Contributed	Biological and Biomimetic Materials	DAILY COCA-COLA INTAKE VERSUS THE CRYSTALLIZATIO
1117	David	Kisailus	8/2/21	2:00 PM	Contributed	Biological and Biomimetic Materials	ARCHITECTED BIOMINERALIZED IMPACT RESISTANT BI-CO
1110	Devis	Montroni	8/2/21	2:15 PM	Contributed	Biological and Biomimetic Materials	STRUCTURE-MECHANICAL PROPERTIES OF THE MULTIPHASE

1102	Taifeng	Wang	8/2/21	3:00 PM	Contributed	Biological and Biomimetic Materials	STRUCTRAL DEVELOPMENT AND TOPOTACTIC PHASE TRAN
1025	Michiko	Nemoto	8/2/21	3:15 PM	Invited	Biological and Biomimetic Materials	GENOMIC-BASED IDENTIFICATION OF PROTEINS REGULATI
1132	Ruikang	Tang	8/2/21	4:00 PM	Invited	Biological and Biomimetic Materials	CROSSLINKING OF INORGANIC IONIC OLIGOMERS FOR NON
1402	Naik	Rajesh	8/3/21	10:30 AM	Invited	Biological and Biomimetic Materials	PROTEIN IONIC LIQUID BASED MATERIALS
1223	Fabio	Nudelman	8/3/21	11:15 AM	Invited	Biological and Biomimetic Materials	DISORDERED FILAMENTS MEDIATE THE FIBRILOGENESIS OF
1022	David	Yang	8/3/21	11:45 AM	Contributed	Biological and Biomimetic Materials	TWO STEP NUCLEATION OF FIBRILS OF THE TUMOR SUPPRES
1403	Weirich	Kimberly	8/3/21	1:00 PM	Invited	Biological and Biomimetic Materials	SELF-ORGANIZATION IN COMPOSITE BIOPOLYMER LIQUID C
1111	Susrut	Akkineni	8/3/21	1:45 PM	Contributed	Biological and Biomimetic Materials	AMYLOID-LIKE AMELOGENIN NANORIBBONS TEMPLATE MI
1074	Shuai	Zhang	8/3/21	2:00 PM	Invited	Biological and Biomimetic Materials	DIVERSE ASSEMBLY OF SHORT SEQUENCE PEPTOIDS ON MOS
1060	Yuechuan	Xu	8/3/21	3:00 PM	Contributed	Biological and Biomimetic Materials	THE GROWTH MECHANISM AND CONTROL PARAMETERS OF
1039	Sima	Mafimoghaddam	8/3/21	3:15 PM	Contributed	Biological and Biomimetic Materials	POLYMORPH TRANSFORMATIONS AND DRUG ACTIVITY IN A
1124	Tetsuo	Okutsu	8/3/21	3:45 PM	Contributed	Biological and Biomimetic Materials	PROTEIN CRYSTALLIZATION INDUCED BY SURFACE PLASMC
1226	Satoshi	Abe	8/3/21	4:00 PM	Invited	Biological and Biomimetic Materials	DESIGN OF IN-CELL PROTEIN CRYSTALS FOR DEVELOPMENT
1145	Lara	Estroff	8/4/21	10:30 AM	Invited	Biological and Biomimetic Materials	HARNASSING CONFINEMENT AND SURFACES TO PATTERN CI
1317	Boaz	Pokroy	8/4/21	11:15 AM	Invited	Biological and Biomimetic Materials	USING OLD TRICKS ON NEW MATERIALS
1080	Hang	Zhai	8/4/21	11:45 AM	Contributed	Biological and Biomimetic Materials	POLYCATION-POLYANION COACERVATION PROCESSES REGI
1105	Laurie	Gower	8/4/21	3:00 PM	Invited	Biological and Biomimetic Materials	CRYSTAL GROWTH AND BIOMINERALIZATION VIA COLLOII
1123	Wei	Huang	8/4/21	3:45 PM	Contributed	Biological and Biomimetic Materials	BIO-INSPIRED SYNTHESIS OF IMPACT-RESISTANT BI-CONTIN
1156	Dongfeng	Xue	8/4/21	4:00 PM	Invited	Biological and Biomimetic Materials	CRYSTAL ENGINEERING OF ELECTRODE MATERIALS TOWAI
1139	Ted	Kim			Poster	Biological and Biomimetic Materials	BIFURCATED TRANSITION STATE FOR THE GROWTH OF THE
1069	Sergei	Novikov	8/2/21	10:30 AM	Invited	BN Epitaxial Growth and Characterization	HIGH-TEMPERATURE MBE OF HBN FOR SINGLE-PHOTON EMI
1262	Jianlin	Liu	8/2/21	11:00 AM	Invited	BN Epitaxial Growth and Characterization	TWO-DIMENSIONAL HEXAGONAL BORON NITRIDE: FROM M
1315	Hans	Högberg	8/2/21	11:30 AM	Contributed	BN Epitaxial Growth and Characterization	H-BN OR R-BN - WHICH POLYTYPE OF SP²-BN DI
1174	Michael	Snure	8/2/21	1:00 PM	Invited	BN Epitaxial Growth and Characterization	DEVELOPMENT OF CVD GROWN HBN FOR SCALABLE 2D ELE
1228	Ishwara	Bhat	8/2/21	1:30 PM	Invited	BN Epitaxial Growth and Characterization	PROPERTIES OF HEXAGONAL BORON NITRIDE GROWN ON SA
1291	Anushka	Bansal	8/2/21	2:00 PM	Contributed	BN Epitaxial Growth and Characterization	THE ROLE OF SAPPHIRE SUBSTRATE ORIENTATION IN THE C
1302	Shantanu	Saha	8/2/21	2:15 PM	Contributed	BN Epitaxial Growth and Characterization	CHARACTERIZATIONS OF STRAINED HEXAGONAL BORON N
1236	Zhiyuan	Shi	8/2/21	3:00 PM	Contributed	BN Epitaxial Growth and Characterization	VAPOR-LIQUID-SOLID GROWTH OF MULTILAYERED HEXAG
1307	Elisabeth	Mansfield	8/2/21	3:15 PM	Contributed	BN Epitaxial Growth and Characterization	H-BN CHARACTERIZATION USING 4D STEM-IN-SEM AND AFM
1237	Huishan	Wang	8/2/21	3:30 PM	Contributed	BN Epitaxial Growth and Characterization	TOWARDS CHIRALITY CONTROL OF GRAPHENE NANORIBBO
1324	Takashi	Taniguchi	8/2/21	3:45 PM	Invited	BN Epitaxial Growth and Characterization	SYNTHESIS OF BN CRYSTALS BY USING SOLVENT GROWTH A
1073	Andrew	Novoselov	8/2/21	10:30 AM	Invited	Bulk Crystal Growth	GROWTH OF LARGE SAPPHIRE CRYSTALS: LESSONS LEARNEI
1051	Matias	Velazquez	8/2/21	11:00 AM	Contributed	Bulk Crystal Growth	CZOCHRALSKI GROWTH OF LARGE LI₂MOO<sub>
1210	Joel	Kearns	8/2/21	11:15 AM	Contributed	Bulk Crystal Growth	CZOCHRALSKI GROWTH OF HEAVILY ARSENIC DOPED, DISL
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
1045	Yui	Takizawa	8/2/21	1:00 PM	Contributed	Bulk Crystal Growth	GROWTH AND SCINTILLATION PROPERTIES OF BACL2/NACL/
1076	Kei	Kamada	8/2/21	1:15 PM	Contributed	Bulk Crystal Growth	MELT GROWTH AND SCINTILLATION PROPERTIES OF EU DO
1107	Drew	Haven	8/2/21	1:30 PM	Contributed	Bulk Crystal Growth	GROWTH OF IRON DOPED BETA GALLIUM OXIDE BY THE ED
1127	Moahmmed	Abo Alreesh	8/2/21	1:45 PM	Contributed	Bulk Crystal Growth	AN EXPERIMENTAL APPROACH TO CONTROL BULK GAN GR
1229	Mariano	Susman	8/2/21	2:00 PM	Contributed	Bulk Crystal Growth	MOLTEN SALT SYNTHESIS OF NIO, MGO, AND THEIR MIXED

1327	Partha	Dutta	8/2/21	2:15 PM	Contributed	Bulk Crystal Growth	GROWTH OF OPTICALLY TRANSPARENT GASB BULK CRYSTA
1253	Zhiqiang	Mao	8/2/21	3:00 PM	Invited	Bulk Crystal Growth	LAYERED MAGNETIC TOPOLOGICAL MATERIALS (MNBI<sub
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(
1078	Rikito	Murakami	8/2/21	4:00 PM	Contributed	Bulk Crystal Growth	CRYSTAL GROWTH OF THE IRIDIUM-RHODIUM-RUTHENIUM
1311	Seng Huat	Lee	8/2/21	4:15 PM	Contributed	Bulk Crystal Growth	SYNTHESIS AND DOMAIN STRUCTURES OF A VAN DER WAA
1272	Yasutomo	Arai			Poster	Bulk Crystal Growth	GRADUATED CONCNETRATION AND HOMOGENEOUS SIGE (
18	Harutoshi	Asakawa			Poster	Bulk Crystal Growth	GROWTH OF STRONTIUM TETRABORATE CRYSTAL FIBERS W
1133	Özden	Balbaşı			Poster	Bulk Crystal Growth	INVESTIGATION OF SEEDED VERTICAL GRADIENT FREEZE (
1071	Dylan	Evans			Poster	Bulk Crystal Growth	SINGLE CRYSTAL GROWTH OF MONOISOTOPIC GRAPHITE CF
1194	Eli	Janzen			Poster	Bulk Crystal Growth	OPTIMIZATION OF BORON CONCENTRATION FOR HBN SOLU
1148	Denis	Karimov			Poster	Bulk Crystal Growth	YTTRBIUM DIFLUORIDE YBF₂: PREPARATION, S
1224	Yutaka	Ohno			Poster	Bulk Crystal Growth	TWINNING AT LINEAGES ACCOMPANIED WITH CRACKING I
16	Kirill	Subbotin			Poster	Bulk Crystal Growth	THE INFLUENCE OF SYNTHESIS CONDITIONS OF YB:CAWO<S
1046	Kirill	Subbotin			Poster	Bulk Crystal Growth	EFFECT OF LI⁺CODOPING ON THE PROPERTIES (
1024	Takahiro	Suda			Poster	Bulk Crystal Growth	CRYSTAL GROWTH OF LA₂HF₂O<sub>
6	Mustafa	Ünal			Poster	Bulk Crystal Growth	INVESTIGATION OF CDZNTE INGOTS GROWN BY THM FURN.
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 crystall	IN-SITU INTERFACE OBSERVATION OF SOLUTION GROWTH (
1252	Fumihiro	Fujie	8/2/21	11:00 AM	Invited	Characterization techniques for bulk and epitaxial crystall	IN-SITU STUDIES OF DOUBLE SHOCKLEY STACKING FAULT I
1168	Hongyu	Peng	8/2/21	11:30 AM	Contributed	Characterization techniques for bulk and epitaxial crystall	DISLOCATION CONTRAST ON X-RAY TOPOGRAPHS UNDER W
1108	Qianyu	Cheng	8/2/21	11:45 AM	Contributed	Characterization techniques for bulk and epitaxial crystall	X-RAY CHARACTERIZATION OF DEFECT STRUCTURES IN PVT
1331	Jaime	Freitas, Jr.	8/2/21	1:00 PM	Invited	Characterization techniques for bulk and epitaxial crystall	GAN WAFERS AND EPITAXIAL FILMS WITH DRAMATICALLY
1386	Sage	Bauers	8/2/21	1:30 PM	Invited	Characterization techniques for bulk and epitaxial crystall	ACCELERATED DISCOVERY OF NEW NITRIDE SEMICONDUCT
1170	Yafei	Liu	8/2/21	2:00 PM	Contributed	Characterization techniques for bulk and epitaxial crystall	APPLICATION OF SYNCHROTRON X-RAY ROCKING CURVE T(
1162	Shanshan	Hu	8/2/21	2:15 PM	Contributed	Characterization techniques for bulk and epitaxial crystall	PRISMATIC SLIP IN PVT-GROWN ALN CRYSTALS
1395	Nadeemullah	Mahadik	8/2/21	3:00 PM	Invited	Characterization techniques for bulk and epitaxial crystall	COMPLIMENTARY INVESTIGATION OF EXTENDED DEFECTS
1070	Joel	EYMERY	8/2/21	3:30 PM	Contributed	Characterization techniques for bulk and epitaxial crystall	X RAY NANOBEAMS TO MEASURE LIGHT, COMPOSITION AN
14	Yusu	Wang	8/2/21	3:45 PM	Contributed	Characterization techniques for bulk and epitaxial crystall	SAMPLE ENVIRONMENT EFFECTS ON SYNCHROTRON-MEASU
1077	Christian	Reimann	8/2/21	4:00 PM	Invited	Characterization techniques for bulk and epitaxial crystall	MORE INSIGHTS IN SEMICONDUCTOR MATERIAL QUALITY V
1242	Stijn	Van Cleuvenberge	8/2/21	4:30 PM	Contributed	Characterization techniques for bulk and epitaxial crystall	NUCLEATION, COALESCENCE AND STRUCTURAL TRANSITIO
1064	Yingge	Du	8/2/21	4:45 PM	Contributed	Characterization techniques for bulk and epitaxial crystall	STRUCTURAL EVOLUTION IN PHASE CHANGE STRONTIUM F
1198	Krishna	Mandal	8/3/21	10:30 AM	Invited	Detector Materials: Scintillators and Semiconductors	HIGH-RESOLUTION NUCLEAR RADIATION DETECTORS ON 4
1248	R. Radhakrishna	Sumathi	8/3/21	11:00 AM	Invited	Detector Materials: Scintillators and Semiconductors	HIGH-PURITY GERMANIUM CRYSTAL GROWTH AND ITS SPE(
1126	Irfan	Kuvvetli	8/3/21	11:30 AM	Invited	Detector Materials: Scintillators and Semiconductors	UNDERSTANDING THE 3D CDZNTE DRIFT STRIP DETECTORS
1044	Henry	Chen	8/3/21	1:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	MERCUROUS BROMINE HG₂BR₂</sub
1164	Bianca	Boschetti	8/3/21	1:30 PM	Contributed	Detector Materials: Scintillators and Semiconductors	SOLUTION GROWTH OF CENTIMETER-SCALE MAPBBR<sub>3
1196	Akira	Yoshikawa	8/3/21	1:45 PM	Contributed	Detector Materials: Scintillators and Semiconductors	PRECIOUS METAL CRUCIBLE-FREE BULK CRYSTAL GROWTH
1158	Katherine	Hansen	8/3/21	2:00 PM	Contributed	Detector Materials: Scintillators and Semiconductors	ENHANCING THE GRAIN SIZE OF HIGH SENSITIVITY PEROVS
1135	Shariar	Motakef	8/3/21	3:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	SUCCESSES AND CHALLENGES IN CRYSTAL GROWTH OF THE
1211	Shunsuke	Kurosawa	8/3/21	3:30 PM	Contributed	Detector Materials: Scintillators and Semiconductors	LARGE-SIZE GD₃(GA,AL)₅O<sub>12</s

1154	Kyoung Jin	Kim	8/3/21	3:45 PM	Contributed	Detector Materials: Scintillators and Semiconductors	GROWTH AND SCINTILLATION PROPERTIES OF DIRECTIONA
1116	Rastgo	Hawrami	8/3/21	4:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	LATEST DEVELOPMENT ON ADVANCED TL-BASED SCINTILL
1178	Swanand	Pawar	8/4/21	10:30 AM	Contributed	Detector Materials: Scintillators and Semiconductors	ANALYSIS OF THE DYNAMICS OF THE BRIDGMAN GROWTH
1075	Kevin	Pritchard	8/4/21	10:45 AM	Invited	Detector Materials: Scintillators and Semiconductors	DETECTING NEUTRONS. SCINTILLATOR CRYSTALS AND SEM
1207	Shunsuke	Kurosawa	8/4/21	11:15 AM	Contributed	Detector Materials: Scintillators and Semiconductors	GROWTH OF P-TERPHENYL AND CARBAZOLE CRYSTALS AS I
1065	Masao	Yoshino	8/4/21	11:30 AM	Contributed	Detector Materials: Scintillators and Semiconductors	GROWTH AND SCINTILLATION PROPERTIES OF (LI,CA)I<sub>
1309	Luis	Stand	8/4/21	1:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	CRYSTAL GROWTH OF KSR₂I₅AND LIS
1213	Edgar	van Loef	8/4/21	1:30 PM	Contributed	Detector Materials: Scintillators and Semiconductors	CRYSTAL GROWTH AND SCINTILLATION PROPERTIES <b></b
1319	Daniel	Rutstrom	8/4/21	1:45 PM	Contributed	Detector Materials: Scintillators and Semiconductors	THE SEARCH FOR A LUMINESCENT ACTIVATOR FOR TERNAR
1106	Elsa	Ariesanti	8/4/21	2:00 PM	Invited	Detector Materials: Scintillators and Semiconductors	ADVANCED INORGANIC HALIDE CERAMIC SCINTILLATORS
1193	Santosh	Swain	8/4/21	3:00 PM	Contributed	Detector Materials: Scintillators and Semiconductors	BULK CRYSTAL GROWTH OF CESIUM LEAD BROMIDE FOR GA
1203	OmerFaruk	Karadavut	8/4/21	3:15 PM	Contributed	Detector Materials: Scintillators and Semiconductors	DEEP LEVEL TRANSIENT SPECTROSCOPY AND MINORITY CA
1032	Mark	Derzon	8/4/21	3:30 PM	Invited	Detector Materials: Scintillators and Semiconductors	SUGGESTED MATERIAL AND SEMICONDUCTOR RESEARCH F
1092	Raja	Arumugam			Poster	Detector Materials: Scintillators and Semiconductors	GROWTH DIFFICULTIES AND GROWTH OF CRACK FREE EU<s
1066	Kei	Kamada			Poster	Detector Materials: Scintillators and Semiconductors	GROWTH AND SCINTILLATION PROPERTIES OF LI₂
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</s
1266	Volodymyr	Popovych			Poster	Detector Materials: Scintillators and Semiconductors	THE EFFECT OF DOPING WITH HALOGENS ON THE HARDNES
1129	Masao	Yoshino			Poster	Detector Materials: Scintillators and Semiconductors	CRYSTAL GROWTH AND SCINTILLATION PROPERTIES OF TU
1177	Maria	Sushko	8/2/21	10:30 AM	Invited	Fundamentals of Crystal Growth	INTERFACIAL DRIVERS FOR NON - CLASSICAL CRYSTALLIZA
1188	James	De Yoreo	8/2/21	11:00 AM	Invited	Fundamentals of Crystal Growth	INTERFACIAL STRUCTURE, INTERPARTICLE FORCES AND ASS
1053	Wenchuan	Ma	8/2/21	11:30 AM	Contributed	Fundamentals of Crystal Growth	NONCLASSICAL PATHWAYS OF CHOLESTEROL CRYSTALLIZA
1072	Lijuan	Wang	8/2/21	11:45 AM	Contributed	Fundamentals of Crystal Growth	INVESTIGATION OF VATERITE GROWTH UNDER CONTROLL
1221	Peter	Vekilov	8/3/21	10:30 AM	Invited	Fundamentals of Crystal Growth	CRYSTAL NUCLEATION CAN BE CONTROLLED BY MANIPULA
1300	Jeffrey	Rimer	8/3/21	11:00 AM	Invited	Fundamentals of Crystal Growth	UNIQUE MECHANISMS OF MOLECULAR MODIFIERS IN CRYST
1054	Rajshree	Chakrabarti	8/3/21	11:30 AM	Contributed	Fundamentals of Crystal Growth	AN INTERMEDIATE COMPLEX REGULATES THE INCORPORAT
1297	Weiwei	Tang	8/3/21	11:45 AM	Contributed	Fundamentals of Crystal Growth	TAUTOMERISM UNVEILS A SELF-INHIBITION MECHANISM O
1038	Jeffrey	Derby	8/4/21	9:00 AM	Contributed	Fundamentals of Crystal Growth	MODELING THE ENGULFMENT OF BUBBLES DURING SAPPHI
1047	Alireza	Pirnia	8/4/21	9:15 AM	Contributed	Fundamentals of Crystal Growth	WHAT AFFECTS THE SHAPE OF LEADING EDGE IN HORIZON
1209	Joel	Kearns	8/4/21	9:30 AM	Contributed	Fundamentals of Crystal Growth	CHARACTERIZATION OF SURFACE FEATURES AT A THREE-PH
1057	Emily	AsenathSmith	8/4/21	10:30 AM	Contributed	Fundamentals of Crystal Growth	CRYSTALLOGRAPHIC ORIENTATION OF COLUMNAR ICES FO
1061	Lakshmanji	Verma	8/4/21	10:45 AM	Contributed	Fundamentals of Crystal Growth	WHAT DO ALL-ATOM MOLECULAR SIMULATION OF ORGAN
1167	Scott	Dossa	8/4/21	11:00 AM	Contributed	Fundamentals of Crystal Growth	MODELING THE EFFECTS OF OPTICAL ASYMMETRY AND HIG
1244	Stijn	Van Cleuvenberge	8/4/21	11:15 AM	Contributed	Fundamentals of Crystal Growth	SELF-ASSEMBLY AND CRYSTALLIZATION OF CONJUGATED I
1062	Debdas	Dhabal	8/4/21	11:30 AM	Contributed	Fundamentals of Crystal Growth	COARSE-GRAINED MODEL FOR THE HYDROTHERMAL SYNTH
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
1125	Senthil	Kumar			Poster	Fundamentals of Crystal Growth	FERROELECTRIC, PYROELECTRIC AND MECHANICAL PROPER
1094	Ezhil	Vizhi			Poster	Fundamentals of Crystal Growth	INVESTIGATIONS ON NUCLEATION KINETICS AND DIELECT
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-
1041	Benjamin	Knipfer	8/2/21	11:00 AM	Contributed	III-V Epitaxial Growth for Devices	ANALYSIS OF INTERFACE ROUGHNESS IN STRAINED INGAAS

1031	John	Mangum	8/2/21	11:15 AM	Contributed	III-V Epitaxial Growth for Devices	HOMOEPITAXIAL GROWTH ON NANOPATTERNED GAAS SUE
1390	Enrica	Mura	8/2/21	11:30 AM	Invited	III-V Epitaxial Growth for Devices	>1.3 µM METAMORPHIC LASERS ON GAAS: A MOVPE RECIPE
1159	Shining	Xu	8/2/21	3:00 PM	Contributed	III-V Epitaxial Growth for Devices	<INGAAS><ALINAS><INP> QUANTUM CASCADE LASER GRO
1173	Evyn	Routh	8/2/21	3:15 PM	Contributed	III-V Epitaxial Growth for Devices	TOWARDS INCREASED INDIUM CONTENT IN_YGA
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
1115	Dennis	Szymanski	8/2/21	4:00 PM	Contributed	III-V Epitaxial Growth for Devices	A PATHWAY TOWARDS III-NITRIDE SUPERJUNCTIONS
1030	Oliver	Pitts	8/2/21	4:15 PM	Contributed	III-V Epitaxial Growth for Devices	UNIFORMITY IMPROVEMENT OF INGAAS AVALANCHE PHOT
1088	Maksim	Artyusenko			Poster	III-V Epitaxial Growth for Devices	GROWTH AND ACOUSTO-OPTIC STUDY OF BPO₄
1286	Isabel	Streicher			Poster	III-V Epitaxial Growth for Devices	EFFECT OF V/III RATIO AND GROWTH PRESSURE ON SURFACI
1235	Shuji	Nakamura	8/2/21	8:30 AM	Plenary	III-V Wide Bandgap Nitride Semiconductors and Devices	III-NITRIDE BASED LED AND LASER DIODE
1059	Rafael	Dalmau	8/4/21	8:30 AM	Invited	III-V Wide Bandgap Nitride Semiconductors and Devices	SINGLE CRYSTAL ALN 2-INCH SUBSTRATES WITH SPATIALL
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
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
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 HVP
1155	Anthony	Rice	8/4/21	10:30 AM	Invited	III-V Wide Bandgap Nitride Semiconductors and Devices	DEFECT SPECTROSCOPY AND REDUCED COMPENSATION OF
1099	Pegah	Bagheri	8/4/21	11:00 AM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	DIRECT EVIDENCE OF SINGLE ELECTRON OCCUPANCY FOR
1146	Kelsey	Mirrielees	8/4/21	11:15 AM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	COMPUTATIONAL STUDY OF FREE CARRIER COMPENSATION
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
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
2006	Russell	Dupuis	8/4/21	1:15 PM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	UNIFORM 6 x 6 GAN P-I-N ULTRAVIOLET AVALANCHE PHOT
1205	Sandeep	Chaudhuri	8/4/21	1:30 PM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	High-Resolution Single-Crystal CVD Diamond Radiation Detector: Def
1204	Mostafa	Abdelhamid	8/4/21	1:45 PM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	RED SHIFTING BLUE LEDS EMISSION FROM BLUE TO YELLO
1149	Barbara	Kazanowska	8/4/21	2:00 PM	Contributed	III-V Wide Bandgap Nitride Semiconductors and Devices	FABRICATION AND FIELD EMISSION OF ALGAN NANOSTRUC
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
1171	Tyler	Grassman	8/4/21	8:30 AM	Invited	III-Vs on Silicon	UNDERSTANDING AND CONTROLLING DISLOCATION EVOL
1366	Thomas	Hannappel	8/4/21	9:00 AM	Invited	III-Vs on Silicon	DEFECT REDUCTION IN MOCVD-GROWN III-V LAYERS PREP
1299	Theresa	Saenz	8/4/21	9:30 AM	Contributed	III-Vs on Silicon	PREPARATION OF V-GROOVE SI SUBSTRATES IN AN OMVPE F
1163	Kunal	Mukherjee	8/4/21	9:45 AM	Contributed	III-Vs on Silicon	PREVENTING DEGRADATION BY DISLOCATIONS IN III-V QU
1391	Vladimir	Tassev	8/4/21	10:30 AM	Invited	Lattice-mismatched epitaxy and alternative epitaxial subst	HETEROEPITAXIAL GROWTH AND STUDY OF BINARY AND T
1082	Florent	Baudouin	8/4/21	11:00 AM	Contributed	Lattice-mismatched epitaxy and alternative epitaxial subst	SYNTHESIS AND TRANSFER OF NANOSHEETS SEED LAYER O
1068	Markus	Feifel	8/4/21	11:15 AM	Contributed	Lattice-mismatched epitaxy and alternative epitaxial subst	ENGINEERED SUBSTRATES WITH TUNABLE LATTICE CONST.
1192	Brelon	May	8/4/21	11:30 AM	Contributed	Lattice-mismatched epitaxy and alternative epitaxial subst	EPITAXIAL NACL THIN FILMS FOR WATER-SOLUBLE GAAS S
1037	Kevin	Schulte	8/4/21	11:45 AM	Contributed	Lattice-mismatched epitaxy and alternative epitaxial subst	HIGH GROWTH RATE GAINP GRADED BUFFERS AND METAM
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
1298	Ryan	France	8/3/21	11:00 AM	Contributed	Materials for photovoltaics and other energy technologies	OPTICALLY-THICK GAINAS/GAASP SUPERLATTICE SOLAR CE
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
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
1304	srinivasamohan	Narayanan	8/3/21	1:00 PM	Invited	Materials for photovoltaics and other energy technologies	SILICON CRYSTAL GROWTH: THE MOST SIGNIFICANT ENABL
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 M
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
1285	Gavin	Sison	8/3/21	2:15 PM	Contributed	Materials for photovoltaics and other energy technologies	IN SITU SOLIDIFICATION STUDY OF SI_{1-X}GE<sub>

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
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
21	Yinan	Liu	8/3/21	3:45 PM	Contributed	Materials for photovoltaics and other energy technologies	OPTICAL AND CRYSTALLINE INHOMOGENEITY OF NA DOPE
1147	Dobroslawa	Kasprowicz	8/3/21	4:00 PM	Contributed	Materials for photovoltaics and other energy technologies	LUMINESCENCE OF RARE EARTH DOPED CRYSTALS
1150	Taras	Zhezhera	8/3/21	4:15 PM	Contributed	Materials for photovoltaics and other energy technologies	LUMINESCENCE OF NOVEL BI₃TEBO₉(
1222	Jeffrey	Derby	8/2/21	1:00 PM	Invited	Modeling of Crystal Growth Processes	MODELING AND IN-SITU NEUTRON IMAGING TO UNDERSTA
1279	Chung-Wen	Lan	8/2/21	1:30 PM	Invited	Modeling of Crystal Growth Processes	CHALLENGES IN MODELING OF GRAIN STRUCTURES FOR MU
1049	Markus	Zenk	8/2/21	2:00 PM	Contributed	Modeling of Crystal Growth Processes	INVESTIGATIONS OF GAS FLOW INSTABILITIES IN UP-FLOW
1283	Lijun	Liu	8/2/21	3:00 PM	Invited	Modeling of Crystal Growth Processes	TECHNICAL CHALLENGES OF GROWING SUPER-HEAVY MON
1254	Natasha	Dropka	8/2/21	3:30 PM	Contributed	Modeling of Crystal Growth Processes	INSULATING BAFFLE IN VB GROWTH
1343	Eyan	Noronha	8/2/21	3:45 PM	Contributed	Modeling of Crystal Growth Processes	WEAK STEFAN FORMULATION FOR BULK CRYSTAL GROWTH
1081	Dmitry	Borisov	8/2/21	4:00 PM	Contributed	Modeling of Crystal Growth Processes	ADVANCED APPROACH FOR OXYGEN TRANSPORT SIMULATI
1182	Daniel	Vizman	8/2/21	4:15 PM	Contributed	Modeling of Crystal Growth Processes	INFLUENCE OF CRUCIBLE ROTATION ON THE TEMPERATURE
1268	Christopher	Mundy	8/3/21	1:00 PM	Invited	Modeling of Crystal Growth Processes	TOP-DOWN AND BOTTOM-UP MODELING OF AGGREGATION
1305	Julia	Dshemuchadse	8/3/21	1:30 PM	Invited	Modeling of Crystal Growth Processes	GROWTH OF DIVERSE CRYSTAL STRUCTURES VIA SELF-ASSE
1083	Ondřej	Černohorský	8/3/21	2:00 PM	Contributed	Modeling of Crystal Growth Processes	MODELLING OF THE LOW-TEMPERATURE GROWTH OF ZINC
1089	Douglas	Barlow	8/3/21	2:15 PM	Contributed	Modeling of Crystal Growth Processes	POPULATION-BALANCE STUDY OF PROTEIN CRYSTAL GROW
1325	Jeremy	Palmer	8/3/21	3:00 PM	Invited	Modeling of Crystal Growth Processes	CRYSTAL GROWTH BY DIMERS - THE CASE OF OLANZAPINE
1336	Baron	Peters	8/3/21	3:30 PM	Invited	Modeling of Crystal Growth Processes	DIABAT METHOD FOR POLYMORPH FREE ENERGIES: EXTENS
1058	Andressa	Antonini Bertolazz	8/3/21	4:00 PM	Contributed	Modeling of Crystal Growth Processes	MESOPHASES CAN ASSIST ZEOLITE NUCLEATION
1251	Amish	Patel	8/4/21	1:00 PM	Invited	Modeling of Crystal Growth Processes	HOW DO ANTIFREEZE PROTEINS RECOGNIZE AND BIND ICE
1151	Victor	Fabiyi	8/4/21	1:30 PM	Contributed	Modeling of Crystal Growth Processes	MOLECULAR DYNAMICS INVESTIGATION OF CRYSTAL-MEL
1195	Jinping	Luo	8/4/21	1:45 PM	Contributed	Modeling of Crystal Growth Processes	THERMODYNAMIC INTEGRATION PATHWAYS FOR CALCULA
1034	Vitalyi	Talanin	8/4/21	2:00 PM	Contributed	Modeling of Crystal Growth Processes	FORMATION OF STRUCTURAL IMPERFECTIONS IN DISLOCATI
1181	Swanand	Pawar	8/4/21	2:15 PM	Contributed	Modeling of Crystal Growth Processes	NEW MODELS FOR PARTICLE MIGRATION UNDER THERMAL
17	Natasha	Dropka	8/4/21	3:00 PM	Invited	Modeling of Crystal Growth Processes	SMART DEVELOPMENT OF VERTICAL GRADIENT FREEZE CR
1392	Zdeněk	Kožíšek	8/4/21	3:30 PM	Contributed	Modeling of Crystal Growth Processes	THERMAL ANALYSIS OF AL DROPLET CRYSTALLIZATION AN
1329	Vladimir	Riabov	8/4/21	3:45 PM	Contributed	Modeling of Crystal Growth Processes	SIMULATION-AIDED DESIGN AND INTERPRETATION OF RES
1052	Natasha	Dropka	8/4/21	4:00 PM	Contributed	Modeling of Crystal Growth Processes	NUMERICAL OPTIMIZATION OF GAS MANAGEMENT FOR THE
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
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
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
2001	David J.	Norris	8/3/21	1:00 PM	Invited	Nanocrystals, quantum dots, and nanowires	Discrete Growth in Semiconductor Nanocrystals: Nanoplatelets and Ma
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
1241	Yovan	De Coene	8/3/21	2:00 PM	Contributed	Nanocrystals, quantum dots, and nanowires	ADVENT OF PLASMONIC BEHAVIOR - NUCLEATION AND GR
1179	Reyhaneh	Toufanian	8/3/21	2:15 PM	Contributed	Nanocrystals, quantum dots, and nanowires	ENGINEERING BRIGHTNESS-MATCHED INDIUM PHOSPHIDE (
1394	Spencer	McDermott	8/3/21	3:00 PM	Contributed	Nanocrystals, quantum dots, and nanowires	BENDING OF CORE-SHELL NANOWIRES BY ASYMMETRIC SH
1294	Mingze	Yang	8/3/21	3:15 PM	Contributed	Nanocrystals, quantum dots, and nanowires	CARRIER COLLECTION KINETICS IN CORE-SHELL GAAS NAN
1230	Vladislav	Khayrudinov	8/3/21	3:30 PM	Contributed	Nanocrystals, quantum dots, and nanowires	MOVPE GROWTH OF GAAS NANOWIRES DIRECTLY ON FLEX
1278	Alessandro	Cavalli	8/3/21	3:45 PM	Contributed	Nanocrystals, quantum dots, and nanowires	CUINSE2 NANOSTRUCTURES GROWN BY MBE
1180	Reyhaneh	Toufanian	8/3/21	4:00 PM	Contributed	Nanocrystals, quantum dots, and nanowires	QUANTUM DOTS BASED WAVELENGTH SHIFTING PHOTON I

1097	Ezhil	Vizhi	8/3/21	4:15 PM	Contributed	Nanocrystals, quantum dots, and nanowires	STRUCTURAL, OPTICAL AND ROOM TEMPERATURE MAGNET
1134	Olivia	Berengue			Poster	Nanocrystals, quantum dots, and nanowires	SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF VLS
1055	Rosana	Gonçalves			Poster	Nanocrystals, quantum dots, and nanowires	LOW TEMPERATURE SYNTHESIS AND STRUCTURAL REFINEM
1035	Juliane	Koch			Poster	Nanocrystals, quantum dots, and nanowires	SPATIALLY HIGH-RESOLUTION I-V CHARACTERIZATION OF
1128	Alexandr	Koshelev			Poster	Nanocrystals, quantum dots, and nanowires	GROWTH PECULIARITIES OF RARE-EARTH DOPED NAYF<sub:
1249	Jayabharathi	P			Poster	Nanocrystals, quantum dots, and nanowires	SYNTHESIS AND CHARACTERIZATION OF CERIUM OXIDE NA
1152	DIMPLE	SHAH			Poster	Nanocrystals, quantum dots, and nanowires	SYNTHESIS AND CHARACTERIZATION OF TRANSITION META
1233	Priscilla D	Trixy			Poster	Nanocrystals, quantum dots, and nanowires	INFLUENCE OF PH ON SYNTHESIS OF BISMUTH MOLYBATE (I
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
1380	Sergey	Suchalkin	8/2/21	1:00 PM	Invited	Narrow Bandgap Semiconductors and Devices	METAMORPHIC INASSB SUPERLATTICES FOR LONG WAVE OI
1413	James	Gupta	8/2/21	1:30 PM	Invited	Narrow Bandgap Semiconductors and Devices	LOW-THRESHOLD INAS-BASED INTERBAND CASCADE LASER
1109	Kunal	Mukherjee	8/2/21	2:00 PM	Contributed	Narrow Bandgap Semiconductors and Devices	STRUCTURE AND LUMINESCENT PROPERTIES OF EPITAXIAL
1140	Chunhui	Yang	8/3/21	10:30 AM	Invited	Nonlinear Optical and Laser Host Materials	LARGE ZNGEP₂ SINGLE CRYSTALS FOR HIGH POV
1121	Kevin	Zawilski	8/3/21	11:00 AM	Contributed	Nonlinear Optical and Laser Host Materials	CDSIP₂ AND ZNGEP₂: COMPARISO
1087	Benoit	Boulanger	8/3/21	11:15 AM	Invited	Nonlinear Optical and Laser Host Materials	NONLINEAR CRYSTALS FOR PHASE MATCHED TERAHERTZ G
1157	Eugenio	DelRe	8/3/21	1:00 PM	Invited	Nonlinear Optical and Laser Host Materials	KLTN SUPERCRYSTALS WITH GIANT BROADBAND REFRACTI
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 H
1101	Ezhil	Vizhi	8/3/21	1:45 PM	Contributed	Nonlinear Optical and Laser Host Materials	<b>INVESTIGATION ON NUCLEATION KINETICS, GROWTH A
1100	Ezhil	Vizhi	8/3/21	2:00 PM	Contributed	Nonlinear Optical and Laser Host Materials	SYNTHESIS, GROWTH AND CHARACTERIZATION OF SEMIOR
1290	Victor	Veliadis	8/2/21	10:30 AM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	SIC POWER DEVICE MASS COMMERCIALIZATION: PRESENT ST
1295	Elif	Balkas	8/2/21	11:00 AM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	SILICON CARBIDE SUBSTRATE TECHNOLOGIES: ADVANTAGI
1144	Tuerxun	Ailihumaer	8/2/21	11:30 AM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	EFFECT OF SURFACE RELAXATION & X-RAY ABSORPTION ON
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
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
1130	Roberto	Fornari	8/3/21	11:00 AM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	EPITAXIAL GROWTH PARAMETERS TO PRESET THE CRYSTAL
1217	Ken	Goto	8/3/21	11:30 AM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	INVESTIGATION OF OMVPE GROWTH FOR BETA GALLIUM O
1067	Wolfram	Miller	8/3/21	11:45 AM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	KINETIC MONTE CARLO SIMULATIONS FOR HOMOEPITAXY (
1326	Zbigniew	Galazka	8/3/21	1:00 PM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	CZOCHRALSKI GROWTH AND PHYSICAL PROPERTIES OF BUL
2009	Allen	Brady	8/3/21	1:30 PM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	Growth and wafering of Gallium Oxide
1027	Jani	Jesenovec	8/3/21	2:00 PM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	ELECTRONIC AND OPTICAL PROPERTIES OF ZN-DOPED B-GA
1330	Andrew	Allerman	8/3/21	3:00 PM	Invited	Silicon Carbide and Gallium Oxide Materials and Devices	ULTRA-WIDE BANDGAP ALGAN ALLOYS FOR POWER DIODE
1166	Hongyu	Peng	8/3/21	3:30 PM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	SYNCHROTRON X-RAY TOPOGRAPHIC IMAGE OF DISLOCATI
1175	Qianyu	Cheng	8/3/21	3:45 PM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	STRUCTURAL DEFECTS CHARACTERIZATION OF PVT-GROWN
1184	Zeyu	Chen	8/3/21	4:00 PM	Contributed	Silicon Carbide and Gallium Oxide Materials and Devices	CHARACTERIZATION OF LATTICE DAMAGE IN HIGH ENERG
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
1406	Sara	Skrabalak	8/4/21	1:00 PM	Invited	Symposium on Metal Nanoparticle Nucleation and Growth	REGIOSELECTIVITY AND CHEMOSELECTIVITY IN NANOCRY
1084	Jim	Evans	8/4/21	1:30 PM	Contributed	Symposium on Metal Nanoparticle Nucleation and Growth	RESHAPING OF TRUNCATED PD NANOCUBES AND OCTAHED
1410	Ou	Chen	8/4/21	1:45 PM	Invited	Symposium on Metal Nanoparticle Nucleation and Growth	BULK GRAIN-BOUNDARY MATERIALS FROM METAL NANOC
1042	David	Robinson	8/4/21	2:15 PM	Contributed	Symposium on Metal Nanoparticle Nucleation and Growth	IMPROVED SCALABILITY OF PALLADIUM NANOCRYSTAL SY

1404	Xie	Jianping	8/4/21	3:30 PM	Invited	Symposium on Metal Nanoparticle Nucleation and Growth	TOTAL SYNTHESIS OF METALLIC MOLECULES
1103	Luz	Cruz	8/4/21	4:00 PM	Contributed	Symposium on Metal Nanoparticle Nucleation and Growth	POLYMER MEDIATED SYNTHESIS OF METAL OXIDE GRAPHE
1411	Zhang	Hua	8/4/21	4:15 PM	Invited	Symposium on Metal Nanoparticle Nucleation and Growth	PHASE ENGINEERING OF NANOMATERIALS
1240	Simon	Kuhn	8/4/21	8:30 AM	Invited	Symposium on Nucleation in Microfluidics	CONTINUOUS MICROFLUIDIC CRYSTALLIZATION BY DECOU
1388	Ruel	Cedeno	8/4/21	9:00 AM	Contributed	Symposium on Nucleation in Microfluidics	QUANTIFYING NUCLEATION KINETICS VIA SESSILE MICROD
1301	Jeffrey	Rimer	8/4/21	9:15 AM	Contributed	Symposium on Nucleation in Microfluidics	MICROFLUIDICS AS A PLATFORM TO ELUCIDATE THE MODES
1218	Robert	Pansu	8/4/21	9:30 AM	Contributed	Symposium on Nucleation in Microfluidics	FLUORESCENCE LIFETIME IMAGING OF THE LASER INDUCEI
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
1393	Dominique	Maes	8/4/21	11:00 AM	Contributed	Symposium on Nucleation in Microfluidics	CRYSTALLIZATION AND AGGREGATION IN CONTROLLED FI
1396	Filipa	Castro	8/4/21	11:15 AM	Contributed	Symposium on Nucleation in Microfluidics	ENHANCED CONTROL OF PROTEIN CRYSTALLIZATION IN DF
1142	Willem	Noorduin	8/4/21	8:30 AM	Invited	Symposium on Twisted Crystals	HELICAL SELF-ASSEMBLED NANOCOMPOSITES
2007	David	Amabilino	8/4/21	9:00 AM	Invited	Symposium on Twisted Crystals	TWISTED CRYSTALS OF DIKETOPYRROLOPYRROLES
1112	Eli	Sutter	8/4/21	9:30 AM	Invited	Symposium on Twisted Crystals	CHIRAL TWISTED VAN DER WAALS NANOWIRES
1408	Stephanie	Lee	8/4/21	10:30 AM	Invited	Symposium on Twisted Crystals	TWISTED ORGANIC SEMICONDUCTOR CRYSTALS
2008	Yuzhou	Zhao	8/4/21	11:00 AM	Invited	Symposium on Twisted Crystals	SUPERTWSITED SPIRALS OF LAYERED MATERIALS ENABLED
1405	Kimberly	Thelander	8/4/21	1:00 PM	Invited	Thin film growth, epitaxy, and superlattices	UNDERSTANDING THE DYNAMICS OF SEMICONDUCTOR NAI
1407	Ewa	Grzanka	8/4/21	1:30 PM	Invited	Thin film growth, epitaxy, and superlattices	INDIUM CONCENTRATION FLUCTUATIONS IN INGAN/GAN Q
1190	Mina	Moradnia	8/4/21	2:00 PM	Contributed	Thin film growth, epitaxy, and superlattices	THERMODYNAMIC ANALYSIS OF HYBRID VAPOR PHASE EPI
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
1021	Ida	Sadeghi	8/4/21	3:30 PM	Contributed	Thin film growth, epitaxy, and superlattices	GROWTH OF CHALCOGENIDE PEROVSKITE THIN FILMS BY M
1199	Catherine	Zhou	8/4/21	3:45 PM	Contributed	Thin film growth, epitaxy, and superlattices	COMBINATORIAL SUBSTRATE EPITAXY OF METASTABLE CO
1033	Justine	Lespiaux	8/4/21	4:00 PM	Contributed	Thin film growth, epitaxy, and superlattices	TRENCH FILLING WITH PHOSPHORUS-DOPED MONOCRYSTAL
1122	Maui	Hino			Poster	Thin film growth, epitaxy, and superlattices	THE IMPACT OF INTERFACIAL GROWTH SEQUENCE ON THE S
1323	Alexey	Redkov			Poster	Thin film growth, epitaxy, and superlattices	STEPS AS A TOOL FOR SELF-ORGANIZATION OF NANOISLAN
1161	Ellis	Spickermann			Poster	Thin film growth, epitaxy, and superlattices	DEVELOPMENT OF MOLYBDENUM_{1-X}TUNGSTEN
1328	Lynn	Ewart	8/2/21	3:00 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured C	THE STANDARD FOR RELAXOR-BASED SINGLE CRYSTALS FO
1243	Sandy	Cochran	8/2/21	3:30 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured C	MN PIN-PMN-PT PIEZOCRYSTAL FOR POWER ULTRASONICS A
1219	Ho-Yong	LEE	8/2/21	4:00 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured C	“GEN III” PIEZOELECTRIC PMN-PZT SINGLE CRYSTALS (D<sub
1138	Yunfei	Chang	8/3/21	3:00 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured C	SINGLE-CRYSTAL-LIKE PIEZOELECTRIC PROPERTIES AND IM
1216	Fei	Li	8/3/21	3:30 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured C	TEXTURED FERROELECTRIC CERAMICS WITH HIGH ELECTRO
1098	Guojian	Wang	8/3/21	4:00 PM	Contributed	Third Symposium on Ferroelectric Crystals and Textured C	GROWTH AND CHARACTERIZATION OF PMN-PT CRYSTALS B
1310	Yi	Yuan	8/3/21	4:15 PM	Contributed	Third Symposium on Ferroelectric Crystals and Textured C	GROWTH AND CHARACTERIZATION OF A NEW BISMUTH-BA
1215	Peter	Kabakov	8/4/21	3:00 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured C	SOLID-STATE CRYSTAL GROWTH OF LEAD-FREE FERROELEC
1220	Yuji	Noguchi	8/4/21	3:30 PM	Invited	Third Symposium on Ferroelectric Crystals and Textured C	VISIBLE-LIGHT ACTIVATION OF FERROELECTRIC PHOTOVOI
1399	MARYAM	BARI	8/4/21	4:00 PM	Contributed	Third Symposium on Ferroelectric Crystals and Textured C	ROOM-TEMPERATURE SYNTHESIS, GROWTH MECHANISMS, A