ISHA 2013 January 13-17 AT&T Executive Education & Conference Center Austin, TX, USA

Session/Day/Time	Speaker Last Name	Speaker First Name	Affiliation	Abstract Title
Monday, J	anuary 14th			
Plenary				
8:00-8:15 am	ICHA 2012 Introduction	from Brian Korgel and Byro	an Duranna	
8:15-9:00 am	Komarneni	Sridhar	Penn State University	Multi-energy Solvothermal Processing: Retrospect and Prospect
8.13-9.00 alli	Komamem	Siluliai	Perin state University	imutu-energy solvouterman Processing, Netrospect and Prospect
9:00-9:30 am	BREAK			
Materials Session	Lithium ion batter	y synthesis sub-sessio	on	
9:30-10:00 am	Manthiram	Arumugam	University of Texas at Austin	Microwave-assisted Solvothermal Synthesis of Nanostructured Materials for Lithium-ion Batteries
10:00-10:30 am	Stevenson	Keith	University of Texas at Austin	Architectural Control of Nanostructured TiO2(B) and Morphological Dependent Lithiation Behavior
10:30-11:00 am	Aymonier	Cyril	University of Bordeaux	Supercritical solvothermal synthesis of oxide nanostructures in water/alcohol mixtures
11:00-11:15 am	Bogart	Timothy	University of Texas at Austin	Solution-Grown Si and Ge Nanowires as High Capacity Anodes for Lithium-Ion Batteries
11:15-11:30 am	Richards	Benjamin	Cornell University	Direct growth of silicon and germanium nanowires on metal foils: opportunities and challenges for high-throughput processing
11:30-noon	Ohara	Satoshi	Osaka University	Tailor-Made Ceramic Nanocrystals by Organic-Ligand-Assisted Hydrothermal Synthesis
Materials Session	Nanomaterials			
9:30-10:00 am	Tang	Zhiyong	National Center for Nanoscience and Technology	
10:00-10:30 am	Wang	Xun	Tsinghua University	Solvothermal Synthesis of Monodisperse Nanocrystals and their Surface
10:30-11:00 am	Xiang	Lan	Tsinghua University	Solvettermal Symites on Windowspiese Nation States and their Journel Hydrothermal Formation and Application of advanced Ca/Mg-bearing Whiskers
11:00-11:30 am	Yoshimura	Masahiro	National Cheng Kung University, Taiwan	Feature and Future of Hydrothermal-Electrochemical Processing for Inorganic Materials
11:30-noon	Yu	Shu-Hong	Hefei National Laboratory (HFNL)	Teature and rudue of hypothermal Synthesis of Functional Nanowires, Macroscopic Assemblies and Their Applications  Multiplex Templating Hydrothermal Synthesis of Functional Nanowires, Macroscopic Assemblies and Their Applications
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ustainability Session	ı			
9:30-10:00 am	Savage	Phillip	University of Michigan	Hydrothermal Conversion of Algal Biomass to Fuels and Chemicals
10:00-10:30 am	Al-Duri	Bushra	University of Birmingham	Supercritical Water Oxidation: The Next Generation of Processes for Hazardous Waste Treatment
10:30-10:45 am	Abdelmoez	Wael	Minia University	Sub-critical Water Technology as a Green and Sustainable Tool for Oil Extraction
10:45-11:15am	Long	Jeffrey	University of California, Berkeley	Carbon Dioxide Capture in Metal-Organic Frameworks
11:15-11:30 am	Bayliss	Peter	University of Nottingham	Greener Synthesis of Metal Organic Frameworks in High Temperature Water
11:30-noon	Li	Jing	Rutgers University	Microporous Metal Organic Frameworks: Solvothermal-Hydrothermal Synthesis, Structure-Pore Functionalization, and Potential Applications
noon-1:30 pm	LUNCH			
Materials Session	Catalysis and Nan	omaterials		
1:30-2:00 pm	Walton	Richard	University of Warwick	New Oxide Materials for Catalysis from Hydrothermal Chemistry
2:00-2:30 pm	Lu	Fu-Hsing	National Chung-Hsing University	Hydrothermal-galvanic couple synthesis of perovskite oxide thin films
2:30-3:00 pm	Lu	Xianmao	National University of Singapore	Shape-selective Growth of Noble Metal Nanocrystals
		Mariniao	The state of the s	Shape-selective growth of Noble Metal Manoci ystals
3:00-3:30 pm	BREAK	Aldimido	[	Jaingle-selective Growth or Nobile Metal Indirocitystals
3:00-3:30 pm 3:30-4:00 pm	BREAK Tilley	Richard	Victoria University of Wellington	Synthesis and Applications of Nanoparticles
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3:30-4:00 pm 4:00-4:30 pm 4:30-5:00 pm	Tilley Tuan Watkins	Richard Hsing-Yu Jim	Victoria University of Wellington National Tsing Hua University	Synthesis and Applications of Nanoparticles Generalized Syntheses of Nanocrystal–Graphene Hybrids in Hot Solvents
3:30-4:00 pm 4:00-4:30 pm 4:30-5:00 pm X-Rays, Microre	Tilley Tuan Watkins actors and In situ stud	Richard Hsing-Yu Jim	Victoria University of Wellington National Tsing Hua University University of Massachusetts	Synthesis and Applications of Nanoparticles  Generalized Syntheses of Nanocrystal–Graphene Hybrids in Hot Solvents  Nanoparticle Assembly Using Polymer Templates and Printing Technologies for Hybrid Materials and Devices
3:30-4:00 pm 4:00-4:30 pm 4:30-5:00 pm X-Rays, Microres 1:30-2:00 pm	Tilley Tuan Watkins actors and In situ stud O'Hare	Richard Hsing-Yu Jim lies Dermot	Victoria University of Wellington National Tsing Hua University University of Massachusetts Oxford	Synthesis and Applications of Nanoparticles Generalized Syntheses of Nanocrystal–Graphene Hybrids in Hot Solvents Nanoparticle Assembly Using Polymer Templates and Printing Technologies for Hybrid Materials and Devices  Studying Sub- and Supercritical Hydrothermal Syntheses using Time-Resolved In-Situ Powder X-Ray and Neutron Diffraction
3:30-4:00 pm 4:00-4:30 pm 4:30-5:00 pm X-Rays, Microres 1:30-2:00 pm 2:00-2:30 pm	Tilley Tuan Watkins actors and In situ stud O'Hare Takami	Richard Hsing-Yu Jim lies Dermot Seiichi	Victoria University of Wellington National Tsing Hua University University of Massachusetts  Oxford Tohoku University	Synthesis and Applications of Nanoparticles Generalized Syntheses of Nanocrystal–Graphene Hybrids in Hot Solvents Nanoparticle Assembly Using Polymer Templates and Printing Technologies for Hybrid Materials and Devices  Studying Sub- and Supercritical Hydrothermal Syntheses using Time-Resolved In-Situ Powder X-Ray and Neutron Diffraction Neutron Radiography on Mixing Behavior of Supercritical Water and Room-Temperature Water in Tubular Flow Reactor for Hydrothermal Synthesis
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11:30-noon noon-1:30 pm

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Materials Session				
1:30-1:45 pm	Dharmaprakash	Sampyady	Mangalore University	Low temperature sol gel processing of pure and Al doped ZnO films
1:45-2:00 pm	Onoki	Takamasa	Osaka University	Preparation of transparent zeolite film on glass substrate without using structure directing agents
2:00-2:30 pm	Halasyamani	P. Shiv	University of Houston	Hydrothermal Synthesis of New Functional Polar Inorganic Materials
2:30-2:45 pm	Playford	Helen	University of Warwick	Direct Synthesis of Oxides from Solvothermal Oxidation of Metallic Gallium
2:45-3:00 pm	Harunsani	Hilni	University of Warwick	Characterisation of Doped Perovskites Prepared by Hydrothermal Synthesis
3:00-3:30 pm	BREAK			
3:30-3:45 pm	Hiley	Craig	University of Warwick	New Metastable Ternary Metal Ruthenium Oxides from Low Temperature Hydrothermal Synthesis
				Synthesis of Nanocomposites of ZnO/ZrO2, Ag-RuO2 and Ru-ZnS by Electrochemical method in aqueous medium for photocatalytic degradation kinetics reaction for dyes a
3:45-4:00 pm	Ananda	Sannaiah	University Of Mysore	for antibacterial study
4:00-4:15 pm	Wu	Yuen	Jilin University	A strategy for Design of Concave Pt-Ni Alloy with Controllable Chemical Etching
4:15-4:30 pm	Yoshida	Hiroyuki	Osaka University	Synthesis of a Novel Implant for Bone Grafting Using Sub-critical Water Technology
4:30-4:45 pm	Elbasuney	Sherif	University of Nottingham	The use of continuous hydrothermal synthesis in the formulation and functionalization of flame retardant polymers
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Reception		SHA Graduate Studen		
	Cabañas	Albertina	The Complutense University	Silanization of Silica SBA-15 using Supercritical Carbon Dioxide
	Escalona-González	José Ricardo	CINVESTAV	Synthesis of Carbonated Doped Hydroxyapatite Powders by Urea Decomposition Under by Hydrothermal Method
	Gimeno-Fabra	Miquel	University of Nottingham	
	Goto	Yuki	Chuo University	Hydrothermal Conversion of 1-Bromododecane to 1-Dodecanol in Aqueous 2-Butanone Solution without Catalysts
	Liu	Chengxiang	Tsinghua University	Synthesis of ZnO nano-whiskers in the presence of SDNS
5:30-7:00 pm	Matamoros Veloza	Zully	Technological Institute of Saltillo	Influence Of Hydrothermal Alkaline Activation on the Co-Cr-Mo Biodur CCmplus 799 Alloy Compacts
	Montoya	Karla	Research Institute for Advanced Studies of the NPI	Effect of Phosphate Precursor on the Crystallization of Ca10-xMgx(PO4)6(OH)2 Solid Solutions Under Hydrothermal Conditions
	Ozawa	Shingo	Chuo University	Hydrothermal Conversion of Celluloses to Glucose and Cellooligosaccharides in Dilute Aqueous Formic Acid Solution
		liali	USTB	
Tuesday, Ja	Wang Xu anuary 15th	Jiali Pengfei	USTB USTB	Facile solvothermal synthesis of spherical Bi-based compounds and their visible-light driven photocatalytic properties Phase Transformation and Photoluminescence of CePO4 Nano-wires
Plenary	Wang Xu  anuary 15th  Awards Session	Pengfei		Facile solvothermal synthesis of spherical Bi-based compounds and their visible-light driven photocatalytic properties
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Plenary 8:00-8:15 am 8:15-8:45 am	Wang Xu anuary 15th Awards Session ISHA Best Ph.D. Thesis Roy-Somiya Award	Pengfei		Facile solvothermal synthesis of spherical Bi-based compounds and their visible-light driven photocatalytic properties
Plenary 8:00-8:15 am	Wang Xu  anuary 15th  Awards Session ISHA Best Ph.D. Thesis.	Pengfei		Facile solvothermal synthesis of spherical Bi-based compounds and their visible-light driven photocatalytic properties
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Plenary 8:00-8:15 am 8:15-8:45 am 8:45-9:00 am Waterials Session 9:00-9:30 am 9:30-10:00 am	Wang Xu  Awards Session ISHA Best Ph.D. Thesis Roy-Somiya Award  BREAK  Nanowires subtop Hanrath Holmes	Pengfei  Award  I Tobias Justin	USTB  Cornell University University College Cork	Facile solvothermal synthesis of spherical Bi-based compounds and their visible-light driven photocatalytic properties  Phase Transformation and Photoluminescence of CePO4 Nano-wires  Metal-Assisted Silicon and Germanium Nanowire Growth: Novel Methods for High-Throughput Production  Tailoring the Growth and Morphology of Germanium Nanowires in Supercritical fluids
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Plenary 8:00-8:15 am 8:15-8:45 am 8:45-9:00 am Waterials Session 9:00-9:30 am 9:30-10:00 am 10:30-11:00 am 11:00-11:15 am 11:01-11:15 am 11:45-noon Waterials Session	Wang Xu  Awards Session ISHA Best Ph.D. Thesis Roy-Somiya Award  BREAK  Nanowires subtop Hanrath Holmes Heitsch BREAK Lu Lotty Pang Hoang Crystallization/pro	Pengfei  Award  Tobias Justin Andrew  Xiaotang Olan Guangsheng Son  Occessing	USTB  Cornell University University College Cork Dow Chemical  University of Texas at Austin University College Cork Jilin University University of Texas at Austin	Facile solvothermal synthesis of spherical Bi-based compounds and their visible-light driven photocatalytic properties  Phase Transformation and Photoluminescence of CePO4 Nano-wires  Metal-Assisted Silicon and Germanium Nanowire Growth: Novel Methods for High-Throughput Production  Tailoring the Growth and Morphology of Germanium Nanowires in Supercritical fluids  Colloidal Synthesis of Silicon Nanowires and Nanorods  Monophenyl Silane Catalyzed Growth of Germanium Nanowires with Gold and Nickel Seeds  Self-Seeded Growth of Germanium Nanowires in Supercritical Fluids  The structure and properties of W18049 ultrathin nanowire bundles  Visible Light Driven Photoelectrochemical Water Oxidation on Nitrogen-Modified TiO2 Nanowires
Plenary 8:00-8:15 am 8:15-8:45 am 8:15-8:45 am 8:45-9:00 am Waterials Session 9:00-9:30 am 9:30-10:00 am 10:00-10:30 am 11:30-11:15 am 11:30-11:45 am 11:45-noon Waterials Session 9:00-9:30 am	Wang Xu  Awards Session ISHA Best Ph.D. Thesis Roy-Somiya Award  BREAK  Nanowires subtop Hanrath Holmes Heitsch BREAK Lu Lotty Pang Hoang  Crystallization/pro	Pengfei  Award  Tobias Justin Andrew  Xiaotang Olan Guangsheng Son  Docessing Dirk	USTB  Cornell University University College Cork Dow Chemical  University of Texas at Austin University College Cork Jilliu University University of Texas at Austin University of Texas at Austin University of Texas at Austin  Soraa, Inc. University of California, San Diego	Facile solvothermal synthesis of spherical Bi-based compounds and their visible-light driven photocatalytic properties  Phase Transformation and Photoluminescence of CePO4 Nano-wires  Metal-Assisted Silicon and Germanium Nanowire Growth: Novel Methods for High-Throughput Production  Tailoring the Growth and Morphology of Germanium Nanowires in Supercritical fluids  Colloidal Synthesis of Silicon Nanowires and Nanorods  Monophenyl Silane Catalyzed Growth of Germanium Nanowires with Gold and Nickel Seeds  Self-Seeded Growth of Germanium Nanowires in Supercritical Fluids  The structure and properties of W18049 ultrathin nanowire bundles  Visible Light Driven Photoelectrochemical Water Oxidation on Nitrogen-Modified TiO2 Nanowires  High Quality, Low Cost Ammonothermal Bulk GaN Substrates  Densification Behavior and Interfaces of Tantalum Carbide Nanopowders Prepared by a Solvothermal Process and Consolidated by Spark Plasma Sintering
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Plenary 8:00-8:15 am 8:15-8:45 am 8:45-9:00 am Waterials Session 9:00-9:30 am 9:30-10:00 am 10:30-11:00 am 11:00-11:15 am 11:35-11:30 am 11:30-11-45 am 11:45-noon Waterials Session 9:00-9:30 am 9:30-10:00 am	Wang Xu  Awards Session ISHA Best Ph.D. Thesis. Roy-Somiya Award  BREAK  Nanowires subtop Hanrath Holmes Heitsch BREAK Lu Lotty Pang Hoang  Crystallization/pro	Pengfei  Award  Tobias Justin Andrew  Xiaotang Olan Guangsheng Son  Decessing Dirk Olivia	USTB  Cornell University University College Cork Dow Chemical  University of Texas at Austin University College Cork Jilliu University University of Texas at Austin University of Texas at Austin University of Texas at Austin  Soraa, Inc. University of California, San Diego	Facile solvothermal synthesis of spherical Bi-based compounds and their visible-light driven photocatalytic properties  Phase Transformation and Photoluminescence of CePO4 Nano-wires  Metal-Assisted Silicon and Germanium Nanowire Growth: Novel Methods for High-Throughput Production  Tailoring the Growth and Morphology of Germanium Nanowires in Supercritical fluids  Colloidal Synthesis of Silicon Nanowires and Nanorods  Monophenyl Silane Catalyzed Growth of Germanium Nanowires with Gold and Nickel Seeds  Self-Seeded Growth of Germanium Nanowires in Supercritical Fluids  The structure and properties of W18049 ultrathin nanowire bundles  Visible Light Driven Photoelectrochemical Water Oxidation on Nitrogen-Modified TiO2 Nanowires  High Quality, Low Cost Ammonothermal Bulk GaN Substrates  Densification Behavior and Interfaces of Tantalum Carbide Nanopowders Prepared by a Solvothermal Process and Consolidated by Spark Plasma Sintering

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Session/Day/Time	Speaker Last Name	Speaker First Name	Affiliation	Abstract Title
Naterials Session	Particle production	n/continuous reactor	s	
1:30-2:00 pm	Adschiri	Tadafumi	Tohoku University	Supercritical Hydrothermal Synthesis of Organic Modified Nanoparticles for the Fabrication of Hybrid Polymers
2:00-2:15 pm	Tang	Selina	University of Nottingham	Continuous Hydrothermal Synthesis of Stabilised Zinc Sulphide Nanoparticles with Fluorescent Properties
2:15-2:30 pm	Cheng	Zhengdong	Texas A&M University	Hydrothermal Synthesis of Layered α-Zirconium Phosphate Disks: Control of Aspect Ratio and Polydispersity for Nano-architecture
2:30-3:00 pm	Lester	Edward	University of Nottingham	SHYMAN – Sustainable Hydrothermal Manufacturing of Nanomaterials
3:00-3:30 pm	BREAK			
3:30-4:00 pm	Fehr	Karl Thomas	LMU Munich	Hydrothermal Synthesis of Li4Ti5O12 Spinel in a Continuous Flow Reactor
4:00-4:30 pm	Furusawa	Takashi	Tohoku University	Numerical Simulation of Supercritical Water Flows in Continuous Hydrothermal Synthesis Reactors
4:30-5:00 pm	Kawasaki	Shin-ichiro	AIST	Fluid mixing engineering on continuous supercritical hydrothermal synthesis
5:00-5:30 pm	Hojo	Daisuke	Tohoku University	Rearrangement of Organic-inorganic hybrid Cerium Oxide Nanocrystals during Tetrahydrofuran Annealing
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aterials Session	Nanomaterials			
1:30-2:00 pm	Feng	Qi	Kagawa University	Hydrothermal Soft Chemical Synthesis of {010}-Faceted Anatase TiO2 Nanocrystals for High Performance Dye-Sensitized Solar Cells
2:00-2:30 pm	Gelabert	Maria	Winthrop University	Solubility and Supersaturation in Hydrothermal Crystal Growth of ZnO
2:30-3:00 pm	Gao	Yanfeng	SIC	Hydrothermal synthesis of VO2 nanocrystals and applications
3:00-3:30 pm	BREAK		•	
3:30-4:00 pm	Jacobsohn	Luiz	Clemson University	Novel Optical Properties from Solution-Derived Nanoparticles
4:00-4:30 pm	Kang	Young Soo	Sogang University	Fabrication of Artificial Photosynthesis Devices Using Hydrothermal Synthesis of Photocatalysts
4:30-5:00 pm	Wang	Dan	Chinese Academy of Sciences	Hydrothernal Preparation of High Efficient TiO2-Graphdiyne Photocatalyst
5:00-5:30 pm	Ting	Jyh-Ming	National Cheng Kung University, Taiwan	Synthesis of TiO2 mesoporous beads and its use in all-plastic dve-sensitized solar cell
laterials Session	Sankar	Gopinathan	University College London	Understanding the mechanism of formation of nanoporous materials under hydrothermal conditions by in situ X-ray techniques
2:00-2:30 pm	Stride	John	University of New South Wales	Understanding the inectianism of normation of inautorious under normation of industrial state of industria
2:30-3:00 pm	Imai	Hiroaki	Keio University	Solvourierman Reactions For Nover interince synthesess. From Indipatine to vivors  Microbial-Mineralization-Inspired Syntheses of Nanostructured Iron Oxides and Manganese Oxides with Controlled Crystal Phases
		THIOURI	Relia chiliversity	Intercools with controlled of your establishment of the controlled of your restrictions of the y
3:00-3:30 pm	BREAK			
3:30-3:45 pm	Senthilnathan	Jaganathan	National Cheng Kung University, Taiwan	Spark Plasma Solvothermal Technique for the Formation of Graphitic Pattern - A Soft Solution Process (SSP)
3:45-4:00 pm	Whalen	Terence	Rutgers University	Solvothermal Synthesis of Acmite Conversion Coatings on Steel
4:00-4:15 pm	Gimeno-Fabra	Miquel	University of Nottingham	Continuous hydrothermal synthesis of functional nanomaterials for high-performance textiles
4:15-4:30 pm	Gimeno-Fabra	Miquel	University of Nottingham	Continuous Hydrothermal Synthesis of Stabilised Zinc Sulphide Nanoparticles with Fluorescent Properties
4:30-5:00 pm	Zhao	Huijun	Griffith University	Vapor Phase Hydrothermal Synthesis: A New Approach for Fabrication of Nanomaterials
5:00-5:30 pm	Bao	Ningzhong	Nanjing University of Technology	Synthesis of Semiconducting Chalcogenide Nanocrystals for Solar Cell Application
Reception				
5:30-7:00 pm	Networking and ISHA (	Gold/Silver Winners announ	rements	
3.30 7.00 pm	Networking and ISHA C	Joid/Silver Williers amioun	echicita	
Wednesday,	January 16th			
Plenary	Awards Session			
8:00-8:45 am	ISHA Lifetime Achiever	nent Award		

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Plenary	Awards Session			
8:00-8:45 am	ISHA Lifetime Achieve	ment Award		
8:45-9:00 am	BREAK			
Materials Session				
9:00-9:30 am	Poeppelmeier	Kenneth R.	Northwestern University	Hydrothermal Synthesis of Noncentrosymmetric Mixed Metal Oxide-Fluorides
9:30-10:00 am	Patzke	Greta	University of Zurich	Hydrothermal access to oxide catalysts and sensors: From MARS methods to environmental applications
10:00-10:30 am	BREAK			
10.00 10.30 am	DITERIT			
10:30-11:00 am	Liu	Yunling	Jilin University	Construction of a Series of Coordination Polymers Based on Tetracarboxylate Ligand: Synthesis, Structure, Gas Adsorption and Magnetic Properties
11:00-11:30 am	Byrappa	Byron	University Of Mysore	Novel Solution Processing and In situ Surface Modification of Metal Oxide Nanomaterials
11:30-noon	Kolis	Joseph	Clemson University	Hydrothermal Growth of Multifunctional YAG Single Crystals for Laser Applications: Teaching an Old Dog New Tricks

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		Affiliation	Abstract Title
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Einarsrud	Mari-Ann	Norwegian University of Science and Technology	Hierarchical PbTiO3 Nanostructures Grown by Self-Assembly of Nanocrystals during Hydrothermal Synthesis
Feng	Shouhua	Jilin University	Atomic-Scale p-n Junctions of Manganese Perovskite Oxides from Hydrothermal Systems
BREAK			
Du	Jiang	University of Texas at Austin	Facile Synthesis of Au@TiO2 Core-shell Hollow Spheres for Dye-sensitized Solar Cells
Wu	Wan-Yu	MingDao University	Characteristics of mesoporous TiO2 beads synthesized using microwave-assisted hydrothermal method and its applications
Diaz Algara	Joaquin	Autonomous University of Baja California	Single-step Transformation of SrMoO4 Particles from SrSO4 Ore Under Alkaline Hydrothermal Conditions
Daniels	Luke	University of Warwick	Hydrothermal Synthesis and Characterisation of New Rare-Earth Orthochromite Perovskites La1-xSmxCrO3
Li	Guangshe	Fujian Institute, CAS	New Applications of Hydrothermal Reactions in Creating Abnormal Materials Properties
Ravinder	Dachepalli	Osmania University	Synthesis and Development of Li-Cd nano Ferrites by Citrate Precursor Gel Method for Multilayers Chip Inductors Applications
Yu	Ranbo	University of Science and Technology Beijing	Hydrothermal Synthesis of CeO2 with Hollow Architecture
Yu	Jihong	Jilin University	Synthesis and Application of AIE Luminogen Functionalized Mesoporous Materials
BREAK	, ,	,	
Soga	Kohei	Tokyo University of Science	Application of Hydro- and Solvo-Thermally Processed Ceramic Nanoparticles for OTN-NIR Biomedical Imaging
			Exploration of New Inorganic SHG Materials based on Metal lodates
KeerthiRaj	Namratha	University Of Mysore	Capanics Assisted Selectively Doped and Codoped ZnO Nanoparticles by Hydrothermal and Solvothermal Processes for Enhancing Biological Activities  Organics Assisted Selectively Doped and Codoped ZnO Nanoparticles by Hydrothermal and Solvothermal Processes for Enhancing Biological Activities
LUNCH	Chengxiang	Tsinghua University	Controllable Synthesis and Zn2+ Adsorption of y-MnO2 Nanostructures
LUNCH			
LUNCH	Lourdes	MATGAS	Understanding supercritical CO2: from fundamental to industrial applications
LUNCH Vega Ventosa	Lourdes Nora	MATGAS ICMAB-CSIC	Understanding supercritical CO2: from fundamental to industrial applications  CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity
LUNCH	Lourdes	MATGAS	Understanding supercritical CO2: from fundamental to industrial applications
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LUNCH  Vega  Ventosa  Goto	Lourdes Nora	MATGAS ICMAB-CSIC	Understanding supercritical CO2: from fundamental to industrial applications  CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity
Vega Ventosa Goto BREAK	Lourdes Nora Motonobu	MATGAS ICMAB-CSIC Nagoya University	Understanding supercritical CO2: from fundamental to industrial applications CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2
Vega Ventosa Goto BREAK Cabañas	Lourdes Nora Motonobu Albertina	MATGAS ICMAB-CSIC Nagoya University The Complutense University	Understanding supercritical CO2: from fundamental to industrial applications CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2
Vega Ventosa Goto BREAK Cabañas Liang	Lourdes Nora Motonobu Albertina Ming-Tsai	MATGAS ICMAB-CSIC Nagoya University  The Complutense University I-Shou University	Understanding supercritical CO2: from fundamental to industrial applications CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2 Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Carbon Dioxide with Methanol
Vega Ventosa Goto BREAK Cabañas Liang Nerome	Lourdes Nora Motonobu Albertina Ming-Tsai Hazuki	MATGAS ICMAB-CSIC Nagoya University  The Complutense University I-Shou University Nagoya University	Understanding supercritical CO2: from fundamental to industrial applications  CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity  Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2  Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Carbon Dioxide with Methanol  Lycopene/Cyclodextrin Nanoparticle Formation Using Solution Enhanced Dispersion by Supercritical Fluid Process
Vega Ventosa Goto BREAK Cabañas Liang Nerome Türk	Lourdes Nora Motonobu Albertina Ming-Tsai Hazuki Michael	MATGAS ICMAB-CSIC Nagoya University  The Complutense University I-Shou University Nagoya University Karlsruhe Institute of Technology	Understanding supercritical CO2: from fundamental to industrial applications CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2  Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Carbon Dioxide with Methanol Lycopene/Cyclodextrin Nanoparticle Formation Using Solution Enhanced Dispersion by Supercritical Fluid Process Supercritical fluids for effective particle design processes
Vega Ventosa Goto BREAK Cabañas Liang Nerome	Lourdes Nora Motonobu  Albertina Ming-Tsai Hazuki Michael	MATGAS ICMAB-CSIC Nagoya University  The Complutense University I-Shou University Nagoya University	Understanding supercritical CO2: from fundamental to industrial applications  CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity  Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2  Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Carbon Dioxide with Methanol  Lycopene/Cyclodextrin Nanoparticle Formation Using Solution Enhanced Dispersion by Supercritical Fluid Process  Supercritical fluids for effective particle design processes  Novel Structural Materials developed by CO2 Sequestration of Mineral Silicates
Vega Ventosa Goto BREAK Cabañas Liang Nerome Türk Gupta	Lourdes Nora Motonobu Albertina Ming-Tsai Hazuki Michael	MATGAS ICMAB-CSIC Nagoya University  The Complutense University I-Shou University Nagoya University Karlsruhe Institute of Technology  Rutgers University	Understanding supercritical CO2: from fundamental to industrial applications  CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2  Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Carbon Dioxide with Methanol Lycopene/Cyclodextrin Nanoparticle Formation Using Solution Enhanced Dispersion by Supercritical Fluid Process Supercritical fluids for effective particle design processes  Novel Structural Materials developed by CO2 Sequestration of Mineral Silicates Carbonate Concrete: A Hydrothermal Technology for CO2 Utilization and Construction
Vega Ventosa Goto BREAK Cabañas Liang Nerome Türk  Gupta Riman	Lourdes Nora Motonobu  Albertina Ming-Tsai Hazuki Michael  Surojit Richard (Rik)	MATGAS ICMAB-CSIC Nagoya University  The Complutense University I-Shou University Nagoya University Nagoya University Karlsruhe Institute of Technology  Rutgers University Rutgers University Rutgers University	Understanding supercritical CO2: from fundamental to industrial applications  CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity  Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2  Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Carbon Dioxide with Methanol  Lycopene/Cyclodextrin Nanoparticle Formation Using Solution Enhanced Dispersion by Supercritical Fluid Process  Supercritical fluids for effective particle design processes  Novel Structural Materials developed by CO2 Sequestration of Mineral Silicates
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Vega Ventosa Goto BREAK Cabañas Liang Nerome Türk  Gupta Riman Habashi BREAK Günther	Lourdes Nora Motonobu  Albertina Ming-Tsai Hazuki Michael  Surojit Richard (Rik) Fathi  Amanda	MATGAS ICMAB-CSIC Nagoya University  The Complutense University I-Shou University Nagoya University Karlsruhe Institute of Technology  Rutgers University Rutgers University Université Laval	Understanding supercritical CO2: from fundamental to industrial applications CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2 Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Co2 Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Co2 Lycopene/Cyclodextrin Nanoparticle Formation Using Solution Enhanced Dispersion by Supercritical Fluid Process Supercritical fluids for effective particle design processes  Novel Structural Materials developed by CO2 Sequestration of Mineral Silicates Carbonate Concrete: A Hydrothermal Technology for CO2 Utilization and Construction Hydrothermal Technology for Ore Treatment and Metal Recovery  Hydrothermal Recovery of Zn and Pb from MSWI Bottom Ashes and APC Residues
LUNCH  Vega Ventosa Goto BREAK Cabañas Liang Nerome Türk  Gupta Riman Habashi BREAK	Lourdes Nora Motonobu  Albertina Ming-Tsai Hazuki Michael  Surojit Richard (Rik) Fathi	MATGAS ICMAB-CSIC Nagoya University  The Complutense University I-Shou University Nagoya University Karlsruhe Institute of Technology  Rutgers University Rutgers University Université Laval	Understanding supercritical CO2: from fundamental to industrial applications  CO2-expanded solvents: unique media for the synthesis of micro- and nano-particulate molecular materials with high structural homogeneity Fabrication of PVP Micro-Hollow Fiber by Electrospinning Process in Near-Critical CO2  Metal Deposition on Porous Supports Using Supercritical CO2  Extraction Kinetics for Dioxins-Contaminated Soil by Supercritical Carbon Dioxide with Methanol Lycopene/Cyclodextrin Nanoparticle Formation Using Solution Enhanced Dispersion by Supercritical Fluid Process Supercritical fluids for effective particle design processes  Novel Structural Materials developed by CO2 Sequestration of Mineral Silicates Carbonate Concrete: A Hydrothermal Technology for CO2 Utilization and Construction Hydrothermal Technology for Ore Treatment and Metal Recovery
	Du Wu Wu Diaz Algara Jiaz Algara Janiels Ji Ravinder Vu Vu BREAK Soga Mao	Du Jiang Wu Wan-Yu Diaz Algara Joaquin Daniels Luke Li Guangshe Ravinder Dachepalli  //u Ranbo //u Jihong BREAK Soga Kohei Mao Jiang-Gao	Du Jiang University of Texas at Austin  Wu Wan-Yu Mingbao University  Diaz Algara Joaquin Autonomous University of Baja California  Daniels Luke University of Warwick  Li Guangshe Fujian Institute, CAS  Ravinder Dachepalli Osmania University  Wu Ranbo University of Science and Technology Beijing  Jihong Jilin University  BREAK  Soga Kohei Tokyo University of Science  Mao Jiang-Gao Chinese Academy of Sciences