

Day 4 Programming, April 8, 2021

Thursday

F. Albert Cotton Award in Synthetic Inorganic Chemistry (2021): Symposium honoring Marinella Mazzanti:

09:00am - 12:00pm USA / Canada - Pacific - April 8, 2021

Rebecca Abergel, Organizer, Presider | **Greg Nocton, Organizer, Presider**

Thursday

Introductory Remarks

09:00am - 09:05am USA / Canada - Pacific - April 8, 2021

Thursday

New nitrogen atom transfer reagents for the synthesis of An=N multiple bonds

09:05am - 09:35am USA / Canada - Pacific - April 8, 2021

Trevor Hayton, Presenter

Recent advances in actinide-ligand multiple bonding interactions

09:35am - 09:55am USA / Canada - Pacific - April 8, 2021

Prof. Stephen Liddle, Presenter | **Josef Boronski** | **Jingzhen Du** | **Michal Dutkiewicz** | **John Seed** | **Ashley Wooles**

Small molecule activation and transformation by multimetallic hydride clusters

09:55am - 10:15am USA / Canada - Pacific - April 8, 2021

Zhaomin Hou, Presenter

Metal-metal synergy in silica supported dual-atom isolated sites for catalytic H/D exchange reactions

10:15am - 10:35am USA / Canada - Pacific - April 8, 2021

Clement Camp, Presenter

Thursday

Intermission

10:35am - 10:50am USA / Canada - Pacific - April 8, 2021

Track: [INOR] Division of Inorganic Chemistry

Thursday

Simple, stable actinide aryloxide catalysts for the conversion of dinitrogen to ammonia or secondary silylamines

10:50am - 11:10am USA / Canada - Pacific - April 8, 2021

Polly Arnold, Presenter | **Francis Lam** | **Tatsumi Ochiai** | **Rory Kelly** | **Laurent Maron**

Synthesis and reactivity of uranium nitride complexes

11:10am - 11:25am USA / Canada - Pacific - April 8, 2021

Luciano Barluzzi, Presenter | **Rosario Scopelliti** | **Ivica Zivkovic** | **Marinella Mazzanti**

Synthesis and reactivity of actinide sandwich complexes supported by the cyclobutadienyl ligand

11:25am - 11:40am USA / Canada - Pacific - April 8, 2021

Nikolaos Tsoureas, Presenter | **Richard A Layfield** | **Akseli Mansikkamäki**

New linear sandwich complexes of divalent and trivalent lanthanides

11:40am - 11:55am USA / Canada - Pacific - April 8, 2021

Maxime Tricoire, Presenter | **Jules Moutet** | **Nolwenn Mahieu** | **Thomas Simler** | **Greg Nocton**

Concluding Remarks

11:55am - 12:00pm USA / Canada - Pacific - April 8, 2021

Thursday

Harry Gray Award for Creative Work in Inorganic Chemistry by a Young Investigator (2020): Symposium Honoring Hemamala I. Karunadasa:

09:00am - 11:40am USA / Canada - Pacific - April 8, 2021

Danna Freedman, Organizer | **Jarad Mason, Organizer, Presider**

Thursday

Finding new quantum materials, a chemical perspective

09:00am - 09:20am USA / Canada - Pacific - April 8, 2021

Robert Cava, Presenter

Coordination assembly of Preyssler-type polyoxoanions

09:20am - 09:40am USA / Canada - Pacific - April 8, 2021

Prof. Alina Schimpf, Presenter

Black phosphorus functionalization: Applying molecular strategies to probe bonding and tune electronic function

09:40am - 10:00am USA / Canada - Pacific - April 8, 2021

Dr. Alexandra Velian, Presenter | **Kendahl L. Walz Mitra** | **Daniel Tofan** | **Christine Chang** | **Jiaying Yang**

Thursday

Intermission

10:00am - 10:40am USA / Canada - Pacific - April 8, 2021

Track: [INOR] Division of Inorganic Chemistry

Thursday

Barocaloric effects in metal-organic materials for solid-state cooling

10:40am - 11:00am USA / Canada - Pacific - April 8, 2021

Jarad Mason, Presenter | **Jinyoung Seo** | **Ryan McGillicuddy** | **Selena Zhang** | **Adam Slavney**

Melting and glass formation in hybrid halide perovskites

11:00am - 11:20am USA / Canada - Pacific - April 8, 2021

David Mitzi, Presenter

Improving the properties of two-dimensional perovskites by topochemical polyacetylene incorporation

11:20am - 11:40am USA / Canada - Pacific - April 8, 2021

Diego Solis-Ibarra, Presenter

Thursday

Electrochemistry and Electrocatalysis:

09:00am - 12:00pm USA / Canada - Pacific - April 8, 2021

Nora Radu, Organizer | **Dr. Jeffrey Liu, Presider** | **Shaoyang Lin, Presider**

Thursday

Spontaneous ammonia oxidation promoted by a diruthenium oxypyridinate complex: homogeneous electrocatalysis viable for direct ammonia fuel cells

09:00am - 09:20am USA / Canada - Pacific - April 8, 2021

Michael Trenerry, Presenter | Christian Wallen | Tristan Brown | Sungho Park | John Berry

Multielectron electrocatalytic nitrite reduction in water by an iron complex

09:20am - 09:40am USA / Canada - Pacific - April 8, 2021

Jesse R. Stroka, Presenter | Ellen Matson | Prof. Kara L. Bren

Mechanistic study of multi-electron redox cycle of Nickel dithiocarbamate complex for redox flow battery application

09:40am - 10:00am USA / Canada - Pacific - April 8, 2021

MD. MOTIUR MAZUMDER, Presenter | Byron Farnum | Andricus Burton

Combined experimental and computational approach to increase the CO₂ reduction activity of cobalt phthalocyanine

10:00am - 10:20am USA / Canada - Pacific - April 8, 2021

Kevin Rivera Cruz, Presenter | Yingshuo Liu | Taylor Soucy | Paul Zimmerman | Charles McCrory

New electrochemical strategy of introducing proton relay to a paddlewheel Rh₂(II,II) hydrogen evolution electrocatalyst

10:20am - 10:40am USA / Canada - Pacific - April 8, 2021

Dr. Shaoyang Lin, Presenter | Claudia Turro

Buffer pK_a impacts the mechanism of hydrogen evolution catalyzed by cobalt-peptide catalysts

10:40am - 11:00am USA / Canada - Pacific - April 8, 2021

Jose Alvarez-Hernandez, Presenter | Andrew Sopchak | Jiwon Han | Yixing Guo | Prof. Kara L. Bren

Solvent dependent spectroscopic and electrochemical studies of nickel (II) diethyldithiocarbamate

11:00am - 11:20am USA / Canada - Pacific - April 8, 2021

Rezoanul Islam, Presenter | MD. MOTIUR MAZUMDER | Byron Farnum

Electrocatalytic ammonia oxidation with molecular copper catalysts

11:20am - 11:40am USA / Canada - Pacific - April 8, 2021

Mahdi Raghbi Boroujeni, Presenter | Md Estak Ahmet | Christine Greene | Pokhraj Ghosh | Timothy Warren

Effects of protonation state on electrocatalytic CO₂ reduction by a cobalt aminopyridine macrocyclic complex

11:40am - 12:00pm USA / Canada - Pacific - April 8, 2021

Dr. Jeffrey Liu, Presenter | Alon Chapovetsky | Smaranda Marinescu

Thursday

Solid-State Inorganic Chemistry:

09:00am - 12:00pm USA / Canada - Pacific - April 8, 2021

Viktor V. Poltavets, Ph.D., Organizer, Presider

Thursday

Metastable perovskite oxides for visible-light-driven water oxidation

09:00am - 09:20am USA / Canada - Pacific - April 8, 2021

Shaun O'Donnell, Presenter | Ching-Chang Chung | Abigail Carbone | Rachel Broughton | Jacob Jones | Paul Maggard

Comparison of the crystal chemistry of tellurium (VI)-, molybdenum (VI)-, and tungsten (VI)-containing double perovskites and related materials

09:20am - 09:40am USA / Canada - Pacific - April 8, 2021

Dr. Paris W. Barnes, Ph.D., Presenter | **Allyson Fry-Petit**

Ni¹⁺/Ni²⁺ (d⁹/d⁸) nickelates with infinite NiO₂ square-planar layers analogues to the high-temperature superconducting cuprates

09:40am - 10:00am USA / Canada - Pacific - April 8, 2021

Viktor V. Poltavets, Ph.D., Presenter | **Roshni Bhuvan**

Magnetic and structural properties of lithium transition metal thiophosphates Li₂CoP₂S₆ and Li₂FeP₂S₆

10:00am - 10:20am USA / Canada - Pacific - April 8, 2021

Timothy Diethrich, Presenter | **Efrain Rodriguez**

Thursday

Intermission

10:20am - 10:40am USA / Canada - Pacific - April 8, 2021

Track: [INOR] Division of Inorganic Chemistry

Thursday

Multidimensional mixed anion materials and their intercalation chemistry

10:40am - 11:00am USA / Canada - Pacific - April 8, 2021

Brian Leonard, Presenter | **Andrew Smith** | **John Ackerman** | **Zachary Hecht** | **Elliott Hulley**

Carbaboride, NaB₅C and Mg_{0.5}B₅C, as intercalation cathodes with redox-active anions

11:00am - 11:20am USA / Canada - Pacific - April 8, 2021

Michael Shabetai, Presenter | **Janelle Fontenot** | **Viktor V. Poltavets, Ph.D.**

Average and local structure of high IR-reflective inorganic pigments Y(In, Mn)O₃ and Y(In, Cu, Ti)O₃

11:20am - 11:40am USA / Canada - Pacific - April 8, 2021

Alice Li, Presenter | **Geneva Laurita**

Discovery of the short-range ordered 2D phases in the Nb_xV_{1-x}O₂.

11:40am - 12:00pm USA / Canada - Pacific - April 8, 2021

Top Rawot Chhetri, Presenter

Thursday

Harry Gray Award for Creative Work in Inorganic Chemistry by a Young Investigator (2021): Symposium Honoring Smaranda C. Marinescu:

01:00pm - 04:00pm USA / Canada - Pacific - April 8, 2021

Jenny Yang, Organizer | **Daniel Suess, Presider**

Thursday

Complex natural products as a driving force for discovery in catalysis

01:00pm - 01:25pm USA / Canada - Pacific - April 8, 2021

Brian Stoltz, Presenter

Rare earth metal catalysts for the perfectly alternating copolymerization of epoxides and cyclic anhydrides

01:25pm - 01:45pm USA / Canada - Pacific - April 8, 2021

Megan Fieser, Presenter

Redox-switchable polymerization from surfaces: Towards integrated catalysis

01:45pm - 02:05pm USA / Canada - Pacific - April 8, 2021

Jeff Byers, Presenter | Miao Qi | Haochuan Li | Qi Dong | Jingyi Li | Rebecca Musgrave | Yanyan Zhao | Nicholas Dulock | Dunwei Wang

Titanium-mediated intermolecular diamination of alkynes via [4+2]-cycloaddition/retrocycloaddition of C-nitrosos with diazotitanacycles

02:05pm - 02:25pm USA / Canada - Pacific - April 8, 2021

Ian Tonks, Presenter | Connor Frye | Adam Pearce

Thursday

Intermission

02:25pm - 02:40pm USA / Canada - Pacific - April 8, 2021

Track: [INOR] Division of Inorganic Chemistry

Thursday

Electric field effects on the hydrogen atom bond dissociation free energy of manganese imido complexes

02:40pm - 03:00pm USA / Canada - Pacific - April 8, 2021

Nadia Leonard, Presenter | Jenny Yang

Not a simple PCET process: Redox-induced structural reorganization and ligand protonation dictate cobalt(III)-hydride formation kinetics

03:00pm - 03:20pm USA / Canada - Pacific - April 8, 2021

Jillian Dempsey, Presenter | Daniel Kurtz | Debanjan Dhar | Noemie Elgrishi | Sean McWilliams | Banu Kandemir

Metal(IV) tetraaryl complexes

03:20pm - 03:40pm USA / Canada - Pacific - April 8, 2021

Michael Inkpen, Presenter

Ions, electrons, and phonons: On the movement of charge through solids

03:40pm - 04:00pm USA / Canada - Pacific - April 8, 2021

Brent Melot, Presenter

Thursday

Undergraduate Research at the Frontiers of Inorganic Chemistry: Applications of Metal Complexes Part 2

01:00pm - 03:55pm USA / Canada - Pacific - April 8, 2021

Chip Nataro, Organizer, Presider | Pius Adelani, Presider

Thursday

Optimizing enzyme immobilization via crosslinking to a metal-organic framework

01:00pm - 01:20pm USA / Canada - Pacific - April 8, 2021

Raneem Ahmad, Presenter | Sydnie Rizaldo | Kari Stone | Daniel Kissel

Cobalt(II) SNS pincer complex based on a bis-imidazole moiety as an electrocatalyst precursor for the reduction of hydrogen cations

01:20pm - 01:40pm USA / Canada - Pacific - April 8, 2021

John Miecznikowski, Presenter | Jerry Jasinski | Oana Luca | Sheila Bonitatibus | Emilse Almanza | Samantha Zygmunt | Rami Kharbouch

Coordination chemistry of N-heterocyclic benzodiazepine chalcogenones

01:40pm - 02:00pm USA / Canada - Pacific - April 8, 2021

Alexander Clinkscales, Presenter | Daniel Rabinovich

[NNN] and [PNP] sulfonamide-based pincer ligand scaffolds for use in transition metal and rare earth element complexes

02:00pm - 02:20pm USA / Canada - Pacific - April 8, 2021

Abby O'Connor, Presenter

Thursday

Intermission

02:20pm - 02:30pm USA / Canada - Pacific - April 8, 2021

Track: [INOR] Division of Inorganic Chemistry

Thursday

Variation of a liquid-liquid extraction protocol employing tripodal CMPO-based ligands for f-element recovery

02:30pm - 02:50pm USA / Canada - Pacific - April 8, 2021

Wyatt Larrinaga, Presenter | **Andrea Martinez** | **Shannon Biros** | **Eric Werner**

Variable temperature NMR study of fluxional processes in eight-coordinate rhenium(V) polyhydride complexes supported by a chiral ligand

02:50pm - 03:10pm USA / Canada - Pacific - April 8, 2021

Brian Macalush | **Alexis Scorzelli** | **Datta Naik** | **Gregory Moehring, Presenter**

Synthesis and reactivity of potential Ampy-base ruthenium(II) catalysts for amide formation

03:10pm - 03:30pm USA / Canada - Pacific - April 8, 2021

Edith Amason, Presenter | **Evan Joslin**

Enzyme immobilization on metal-organic frameworks to facilitate greener chemistries

03:30pm - 03:50pm USA / Canada - Pacific - April 8, 2021

Kari Stone, Presenter | **Daniel Kissel** | **Sydney Rizaldo** | **Raneem Ahmad**

Concluding Remarks

03:50pm - 03:55pm USA / Canada - Pacific - April 8, 2021

Thursday

Chemistry of Materials: Synthesis and Properties:

01:00pm - 03:00pm USA / Canada - Pacific - April 8, 2021

Claus Lugmair, Organizer | **Bryan Rosales, Presider** | **Aymarie Bartholomew, Presider**

Thursday

Reversible multicolor chromism in layered metal halide perovskites

01:00pm - 01:20pm USA / Canada - Pacific - April 8, 2021

Bryan Rosales, Presenter | **Laura Mundt** | **Taylor Allen** | **David Moore** | **Kevin Prince** | **Colin Wolden** | **Garry Rumbles** | **Laura Schelhas** | **Lance Wheeler**

Physical and electrochemical properties of synthetically optimized p-type CuCrO₂

01:20pm - 01:40pm USA / Canada - Pacific - April 8, 2021

Amanda Chown, Presenter | **Byron Farnum**

Microwave and conventional synthesis, characterization, photophysical properties, toxicity and bacterial staining of new mesoporous zinc(ii)-based luminescent coordination polymer

01:40pm - 02:00pm USA / Canada - Pacific - April 8, 2021

[Dr Rodrigo A. Chan, 3557041, Presenter](#) | [Oscar O. Piñon-Niño](#) | [Rosa M. Jiménez-Barrera](#) | [Roberto Rodríguez-Ortiz](#) | [María C. García-López](#) | [E. Soto-Regalado](#) | [M. Loreso-Cancino](#)

Organohalide precursors for the continuous production of photocatalytic bismuth oxyhalide nanoplates

02:00pm - 02:20pm USA / Canada - Pacific - April 8, 2021

[Matt Gordon, Presenter](#) | [Kaustav Chatterjee](#) | [Alison Lambright](#) | [Sandra Bueno](#) | [Sara Skrabalak](#)

Superatoms assembled in 2D: Exfoliatable superatomic cyanometalate frameworks

02:20pm - 02:40pm USA / Canada - Pacific - April 8, 2021

[Amymarie Bartholomew, Presenter](#) | [Xavier Roy](#)

Mechanism and kinetics of the MAX etching reaction for MXene synthesis

02:40pm - 03:00pm USA / Canada - Pacific - April 8, 2021

[Mark Anayee, Presenter](#) | [Adam Goad](#) | [Dimitrios Dogias](#) | [Yury Gogotsi](#)

Thursday

How Can the DIC be Better for You?

04:00pm - 05:00pm USA / Canada - Pacific - April 8, 2021 | Room: Virtual Room

Thursday

Undergraduate Research at the Frontiers of Inorganic Chemistry: Materials and Solid State

05:00pm - 07:50pm USA / Canada - Pacific - April 8, 2021

[Chip Nataro, Organizer, Presider](#) | [Pius Adelani, Presider](#)

Thursday

Withdrawn

05:00pm - 05:20pm USA / Canada - Pacific - April 8, 2021

Copper telluride and copper telluride-copper sulfide hybrids through anion exchange

05:20pm - 05:40pm USA / Canada - Pacific - April 8, 2021

[Luis F. Garcia-Herrera, Presenter](#) | [Haley McAllister](#) | [Katherine Plass](#)

Optimizing in-situ longevity of silver nanoplates

05:40pm - 06:00pm USA / Canada - Pacific - April 8, 2021

[Dariush Aligholizadeh, Presenter](#) | [Lynn Krushinski](#) | [Nicole Hondrogiannis](#) | [Mary Devadas, Presenter](#)

Synthesis and crystal structure of diimide and phosphonate-based coordination polymers

06:00pm - 06:20pm USA / Canada - Pacific - April 8, 2021

[Pius Adelani, Presenter](#) | [Juan Pinedo](#) | [Ryan Flores](#)

Thursday

Intermission

06:20pm - 06:30pm USA / Canada - Pacific - April 8, 2021

Track: [INOR] Division of Inorganic Chemistry

Thursday

Synthesis and characterization of green nanostars

06:30pm - 06:50pm USA / Canada - Pacific - April 8, 2021

Youssef Tewala, Presenter | **Lynn Krushinski** | **Mary Devadas, Presenter**

Developing anionic metal-oxygen clusters as precursors for the synthesis of colloidal metal oxide nanocrystals

06:50pm - 07:10pm USA / Canada - Pacific - April 8, 2021

Matthew R. Buck, Presenter | **Lucas Johnson** | **Ashley Sweet**

Syntheses and characterization of axially blocked dirhodium(II,II) complexes as sensitizers for potential dye sensitized solar cell applications

07:10pm - 07:30pm USA / Canada - Pacific - April 8, 2021

Benjamin Clayville, Presenter

Near IR photoluminescence of magic numbered gold clusters labeled with chromophores

07:30pm - 07:50pm USA / Canada - Pacific - April 8, 2021

Nicole Hondrogiannis, Presenter | **Nathaniel Stevens** | **Mary Devadas, Presenter**

Thursday

Bioinorganic Chemistry:

05:00pm - 08:00pm USA / Canada - Pacific - April 8, 2021

Dr Stephen A. Koch, Organizer | **Adam Fiedler, Presider**

Thursday

Organogold(III) dithiocarbamates selectively modulate cell respiration and mitochondrial metabolism in cancer cells

05:00pm - 05:20pm USA / Canada - Pacific - April 8, 2021

Mr. Randall T. Mertens, Presenter | **Sean Parkin** | **Samuel Awuah**

Develop gold mediated covalent inhibitor for KRAS(G12C)

05:20pm - 05:40pm USA / Canada - Pacific - April 8, 2021

Sailajah Gukathasan, Presenter | **Esther Black** | **Samuel Awuah**

Gold (I/III)-phosphine complexes with antiproliferative activity

05:40pm - 06:00pm USA / Canada - Pacific - April 8, 2021

Dr. Jong Hyun Kim, Presenter | **Evan Reeder** | **Sean Parkin** | **Samuel Awuah**

Synthesis and characterization of a more stable and more responsive MRI contrast agent sensor for hydrogen peroxide

06:00pm - 06:20pm USA / Canada - Pacific - April 8, 2021

Sana Karbalaei, Presenter | **Ronald J. Beyers** | **Christian R. Goldsmith**

Applications of dirhodium (II,II) photosensitizers for photodynamic therapy featuring formamidinate and acetate bridging ligands

06:20pm - 06:40pm USA / Canada - Pacific - April 8, 2021

Ellen Song, Presenter | **Kim Dunbar**

Modulation of adenosylcobalamin photochemistry by the CarH photoreceptor protein

06:40pm - 07:00pm USA / Canada - Pacific - April 8, 2021

Courtney Cooper, Presenter | **Puja Goyal**

Ni-catalyzed dioxygenation of 3-hydroxyflavone as a model for the reactivity of Ni-containing quercetin 2,4-dioxygenase

07:00pm - 07:20pm USA / Canada - Pacific - April 8, 2021

Fatemeh Khamespanah, Presenter | Niral Patel | Katherine Belecki | Heather Lucas

Probing the dioxygen reactivity of biologically-relevant iron and cobalt complexes with redox-active ligands

07:20pm - 07:40pm USA / Canada - Pacific - April 8, 2021

Adam Fiedler, Presenter | Praveen Kumar | Sergey Lindeman

Dinitrosyl iron complexes (DNICs) as inhibitors for the SARS-CoV-2 main protease

07:40pm - 08:00pm USA / Canada - Pacific - April 8, 2021

Chase Pectol, Presenter | Yan Sheng | Carol Fierke | Marcetta Darensbourg

Thursday

Chemistry of Materials: Nanomaterials:

05:00pm - 07:40pm USA / Canada - Pacific - April 8, 2021

Claus Lugmair, Organizer | Dr. Sid Creutz, Presider

Thursday

The effect of anisotropic gold nanoparticles on plasmonic coupling with a photosensitizer for antimicrobial film

05:00pm - 05:20pm USA / Canada - Pacific - April 8, 2021

Francesco Rossi | Eng Khoo | Xiaodi Su | Nguyen TK Thanh, Presenter

Surface modification of black phosphorus with group 13 Lewis acids for ambient protection and electronic tuning

05:20pm - 05:40pm USA / Canada - Pacific - April 8, 2021

Daniel Tofan, Presenter

Iron versus cobalt fluorinated phthalocyanine nanowire chemiresistors: Effectiveness towards environmental monitoring of gases at ppb levels

05:40pm - 06:00pm USA / Canada - Pacific - April 8, 2021

Dr Dalice M. Pinero Cruz, Presenter | Jean Gonzalez | Soraya Flores | Ruben Díaz | Juan Cintron | Luis Fonseca

Role of post synthetic treatment and ligand population in optoelectronic properties of PbS quantum dot films and devices

06:00pm - 06:20pm USA / Canada - Pacific - April 8, 2021

Fiaz Ahmed, Presenter | Mathew L. Kelley | John Dunlap | Adam Roberge | M. V. S. Chandrashekhar | Andrew Greytak

Dispersion and exfoliation of hexagonal boron nitride nanosheets using surfactants

06:20pm - 06:40pm USA / Canada - Pacific - April 8, 2021

Cecilia Martínez-Jiménez, Presenter | Ashleigh Smith McWilliams | Asia Matatyaho Ya'akobi | Cedric Ginestra | Yeshayahu Talmon | Matteo Pasquali | Angel Marti

Synthesis of colloidal nanorods of barium titanium sulfide

06:40pm - 07:00pm USA / Canada - Pacific - April 8, 2021

Dr. Sid Creutz, Presenter | Daniel Zilevu | Nicole Ingram

Dialkylchalcogenides reagents as precursors for metastable phases of copper chalcogenides

07:00pm - 07:20pm USA / Canada - Pacific - April 8, 2021

Evan Robinson | Emil Hernandez | Kaelyn Dwyer | Andrew Lacroix | Alexandra Koziel | Ahmed Nuriye | Janet Macdonald, Presenter

Self-aligned anisotropic plasmonic nanostructures

07:20pm - 07:40pm USA / Canada - Pacific - April 8, 2021

Ji Feng, Presenter | Dr. Yadong Yin

Thursday

Lanthanide and Actinide Chemistry:

05:00pm - 07:40pm USA / Canada - Pacific - April 8, 2021

Ana De Bettencourt Dias, Organizer, Presider | Roger Molto Pallares, Presider

Thursday

Upconversion nanoparticles for latent fingerprint development and DNA extraction

05:00pm - 05:20pm USA / Canada - Pacific - April 8, 2021

Dr. Aravind Baride, Presenter | Amit Chowdhury | Paul May | William Cross | Jon Kellar | Linda DeVeaux

Combining density functional theory and machine learning for the prediction of lanthanide binding free energies

05:20pm - 05:40pm USA / Canada - Pacific - April 8, 2021

Gavin McCarver, Presenter | Konstantinos Vogiatzis

Detection of gadolinium-based contrast agents in urine with a bio-inspired europium luminescent probe

05:40pm - 06:00pm USA / Canada - Pacific - April 8, 2021

Roger Molto Pallares, Presenter | Dahlia An | Pariswi Tewari | Elizabeth Wang | Rebecca Abergel

Withdrawn

06:00pm - 06:20pm USA / Canada - Pacific - April 8, 2021

Multifunctional aryloxide β -Diketimine Rare-Earth Complexes: The Influence of Ligand Flexibility on the Ring Opening Polymerization of Cyclic Esters

06:20pm - 06:40pm USA / Canada - Pacific - April 8, 2021

Kerry Casey, Presenter | Jerome R. Robinson

Generating ligand scaffolds for mixed f- and d-block heterobimetallic architectures

06:40pm - 07:00pm USA / Canada - Pacific - April 8, 2021

Stephanie Carpenter | Aaron Tondreau, Presenter

Withdrawn

07:00pm - 07:20pm USA / Canada - Pacific - April 8, 2021

Effects of alkali metals and chelates on the chemistry of Y(II) ions in tris(cyclopentadienyl) complexes

07:20pm - 07:40pm USA / Canada - Pacific - April 8, 2021

Will Moore, Presenter | Joseph Ziller | William Evans

Thursday