

C&EN PICKS THE SPEAKERS AND SYMPOSIA TO CATCH IN ORLANDO



Khalil Amine,
Argonne National
Laboratory
Improving batteries for
electric vehicles



Amber Balazs,
AstraZeneca
Designing ligands with the
most active conformations
for binding proteins



David Barton,
Dow Chemical
Discovering rare-earth-
based catalysts for
improving solar power



Joanne Beck,
Celgene
Communicating across
disciplinary and language
boundaries



Julie Biteen,
University of Michigan
Improving superresolution
microscopy in live bacteria



Jean-Paul Desautniers,
University of Ontario
Institute of Technology
Developing
photoresponsive siRNAs



Jacqueline Ignacio,
MilliporeSigma
Recycling single-use
plastics in biopharma



Kristala Jones Prather,
Massachusetts Institute
of Technology
Engineering "valves" into
biochemical pathways to
control microbial metabolism



LaShanda Korley,
University of Delaware
Mimicking biological
mechanics with
supramolecular systems



Minjoung Kyoung,
University of Maryland,
Baltimore County
Imaging enzyme
assemblies in four
dimensions



Marinella Mazzanti,
Swiss Federal Institute of
Technology, Lausanne
Probing uranium(V)
chemistry



Shelli McAlpine,
University of New
South Wales
Controlling protein
folding with small
molecules



Leslie Murray,
University of Florida
Sculpting multimetal
clusters to improve
catalytic output



Rosa Palacín,
Institute of Materials
Science of Barcelona
Exploring rechargeable
calcium batteries



David Reed,
Idaho National Laboratory
Using agricultural waste
to fuel recycling of rare-
earth elements



Matthew Romeyn,
NASA Kennedy Space
Center
Feeding astronauts with
crops grown in space



Richmond Sarpong,
University of California,
Berkeley
Using C-C bond cleavage
in new ways



Karen Steelman,
Shumla Archaeological
Research and
Education Center
Delving into rock-art
paint layers with X-ray
fluorescence



Wilfred Tysoe,
University of Wisconsin-
Milwaukee
Designing self-assembling
molecular electronic
circuits



Christopher Voigt,
Massachusetts Institute
of Technology
Engineering communities
of plants and microbes for
smart agricultural systems

There are so many symposia to choose from. Here are a few to get you started.

Title	Description	Time
Archaeological Chemistry	Analytical methods illuminate the chemistry and materials unearthed at archaeological sites.	Sunday PM, Monday AM/PM
Micro- & Nanoplastics in the Environment: Detection, Characterization, Fate & Impact	Researchers want to understand how the plastics are getting into the environment and whether they're causing harm.	Monday AM
A Decade Later: The The Death of Sheri Sangji as a Catalyst for a Change in Safety Culture	Safety professionals explore how tragedy led to changes in the safety culture.	Monday AM
C&EN's Start-Ups to Watch: Entrepreneurs Discuss Chemistry for New Frontiers	Representatives from C&EN's Start-ups to Watch will talk about what it takes to start your own venture.	Monday AM
Creating a Common Language for Chemistry: IUPAC's Past, Present & Future Roles	Celebrate the 100th birthday of the guardians of chemical nomenclature.	Monday AM/PM
Innovative Green Chemistry: Striving toward Zero Waste API Manufacturing	Chemists are looking for ways to make drugs responsibly and sustainably.	Monday AM/PM
The Chemistry of Disasters	Learn how the chemistry community responds to and is affected by hurricanes, fires, and explosions.	Monday PM
The Flavor of Subtropical & Tropical Fruits	You're in Florida. It's a great place to find out what gives oranges, mangoes, and other tropical fruits their distinctive flavors and aromas.	Monday PM, Tuesday AM/PM
Covalent Inhibition beyond Cysteine	Covalent binders now have other amino acids to latch onto when inhibiting protein targets.	Wednesday AM
Bioactive Delivery: Frontiers in Biomaterials	Learn about how biomaterials are improving the delivery of agents to cells and tissue.	Wednesday AM/PM

► C&EN's editorial team, not its BrandLab team, selected the speakers and symposia in this meeting guide. Senior correspondent Celia Henry Arnaud spearheaded the effort.

MORE ONLINE

To find more details about the dates and times for these presenters and symposia, visit cenm.ag/2019orlando.