

Volunteer to Organize a Symposium for COLL!

The American Chemical Society Division of Colloid and Surface Chemistry (COLL) invites you to organize a symposium on any theme relevant to colloids, surfaces and nanomaterials, at one of the future ACS national meetings.

Contact

If you want to organize a symposium, please e-mail a proposal to the COLL Program Chair who will act quickly to decide on the suitability of the symposium and the best meeting to schedule it.

Dr. Ramanathan Nagarajan (NAGU)
Natick Soldier Research, Development & Engineering Center
General Greene Avenue, Natick MA 01760
Ph: 508-233-6445
E-mail: Ramanathan.Nagarajan.Civ@mail.mil

COLL Division Membership

The COLL Division wants the symposium organizers to be members of the Division. You can easily sign up with ACS for COLL Division membership while renewing your ACS membership. If you need a membership form, contact the COLL Membership Secretary. Information on COLL Division Officers is given below.

Deadlines to submit symposium proposal

- If you want to organize a symposium for the Spring meeting, proposal must be sent by June 1st of the previous year.
- If you want to organize a symposium for the Fall meeting, proposal must be sent by November 1st of the previous year.

Proposals are being accepted for the following ACS National Meetings now:

- **255th ACS National Meeting & Exposition**
March 18-22, 2018 at New Orleans, LA
- **256th ACS National Meeting & Exposition**
August 19-23, 2018 at Boston, MA
- **257th ACS National Meeting & Exposition**
March 31-April 4, 2019 at Orlando, FL
- **258th ACS National Meeting & Exposition**
August 25-29, 2019 at San Diego, CA

Proposal Content

The proposal should contain the following information (see a sample below):

- Title of the symposium
- Proposed organizers, with complete contact information
(Inclusion of at least two organizers is recommended)
- Proposed national meeting to schedule the symposium
(See list of future meetings below)
- Number of half-day sessions planned (can change later)
(Each half-day session is 210 minutes long and can accommodate between 7 to 10 papers depending upon the time duration assigned for presentations. The default time is 20 minutes for a talk. Recommended duration for invited talks is 30 minutes. An ideal symposium to ensure critical mass of participants will have four or five half-day sessions).
- Brief outline of the symposium including a tentative listing of specific topics that would be covered by the symposium
- Tentative list of possible speakers
(Include at least 20 names to ensure that a three-session symposium will be possible. Keep in mind that there will also be unsolicited contributions which will increase the size of the symposium).

Division Financial Support

The main way COLL Division financially supports your symposium is through the established practice of matching funds. All symposium organizers are encouraged to generate external funding to support their symposia. COLL Division will match the funds you generate from any source, up to a maximum of \$3000. You will be able to decide how to use these funds to support your symposium in the most effective manner, such as by paying for meeting registration and/or partial travel support to the invited speakers, etc. You should coordinate your plans with the COLL Treasurer.

What are you committing to do as a volunteer?

- Write brief proposal (see example below) - about 9-10 months before meeting.
- Contact and confirm invited speakers.
- (Optional) Raise funds from any companies/scientific or professional journals/funding agencies. COLL will match up to \$3000.
- Send out a call for papers to colleagues before abstracts deadline - 6-8 months before meeting.
- Select/organize abstracts into sessions using MAPS system - 4-5 months before symposium.
- Assign session chairs to moderate each session, on MAPS.
- Enjoy the opportunity to interact with colleagues during your symposium!

COLL OFFICERS (for 2016)

DIVISION WEB ADDRESS: <http://colloidssurfaces.org/>

Chair

D. Howard Fairbrother
Department of Chemistry
Johns Hopkins University
Baltimore, MD 21218
Ph: 410-516-4328
Email: howardf@jhu.edu

Chair-Elect

Eric Borguet
Department of Chemistry
Temple University
Philadelphia, PA 19122
Ph: 215- 204-9696
Email: eborguet@temple.edu

Past-Chair

Daniel K. Schwartz
Department of Chemical & Biological Engineering
University of Colorado
Boulder, CO 80309
Ph: 303-735-0240
Email: daniel.schwartz@colorado.edu

Vice-Chair/Newsletter Editor

Lorena Tribe
Department of Chemistry
Pennsylvania State University - Berks Campus
Reading, PA 19610
Ph: 610-396-6187
E-mail: lut1@psu.edu

Program Chair

Ramanathan Nagarajan (Nagu)
Natick Soldier RD&E Center
Natick, MA 01760
Ph: 508-233-6445
Email: ramanathan.nagarajan.civ@mail.mil

Treasurer

Marina Ruths
Department of Chemistry
University of Massachusetts, Lowell
Lowell, MA 01854
Ph: 978-934-3692
Email: Marina_Ruths@uml.edu

Secretary

Christopher J. Karwacki
Protection and Decontamination Division
Edgewood Chemical Biological Center
Aberdeen Proving Ground Maryland 21010
Ph: (410) 436-5704,
E-mail: christopher.j.karwacki.civ@mail.mil

Membership Secretary

Rosa Espinosa-Marzal
Department of Civil & Environmental Engineering
University of Illinois
Urbana, IL 61801
Ph : 217-300-4380
Email : rosae@illinois.edu

Sample Symposium Proposal

Meeting: 252nd ACS National Meeting & Exposition August 21-25, 2016, Philadelphia, PA

Symposium Title: Composite Colloids for SERS Biodetection (Oral)

Organizers:

Wolfgang Parak, Biophotonics Group, University of Marburg, D-35037 Marburg, Germany, and Biofunctional Materials Laboratory, CIC biomaGUNE, Paseo de Miramón 182, 20009 Donostia – San Sebastián, Spain. Tel: 49- 6421 28-24161; Email: wolfgang.parak@physik.uni-marburg.de

Luis M. Liz-Marzán, Bionanoplasmonics Laboratory, CIC biomaGUNE, Paseo de Miramón 182, 20009 Donostia – San Sebastián, Spain. Tel: 34-943-005-300. Email: llizmarzan@cicbiomagune.es

Hedi Mattoussi, Chem. and Biochem. Dept., Fl. State Univ., Tallahassee, FL 32306, US. Tel: 1-850-645-8615. Email: mattoussi@chem.fsu.edu

Symposium Content:

Biosensing techniques have acquired a great progress, largely related to the advancements in the chemical fabrication of nanomaterials and the application of specific properties of such nanosystems to the identification of minute amounts of analytes in a wide variety of environments. This symposium will focus on the use of metal nanoparticles as surface enhanced Raman scattering (SERS) probes and their potential application in a range of different biological studies. Particular attention will be given to the challenges related to the incorporation of Raman active probes within colloidal systems, as well as to the comprehensive understanding of interfacial processes involving enhanced optical scattering from adsorbates on anisotropic surfaces influencing the SERS response and ultimately, their applicability in biosensing and imaging. Appropriate topics include, but are not limited to:

- Particle synthesis and characterization
- Biofunctionalization
- SERS tags
- Colloidal stability in biofluids
- Particle adsorption at cell membranes
- Cell internalization mechanisms
- Intracellular sensing
- Toxicity and immunogenicity of colloidal particles
- Dynamic SERS probing of bioprocesses
- SERS vs. fluorescence sensors

List of possible speakers:

Molly Stevens
Ramón Alvarez-Puebla
Janina Kneipp
Sebastian Schlücker
Duncan Graham
Bin Ren
Gilbert Walker
Martin Moskovits
Richard Van Duyne
Paul Mulvaney
Nicholas Kotov
Mikael Käll
Raoul Koppelman
Jürgen Popp
Laura Fabris
Mahmoud Mahmoud
Prashant Jain
Christy Haynes
Enzo di Fabrizio
Younan Xia