

Volunteer to Organize a Symposium for COLL!

The American Chemical Society Division of Colloid and Surface Chemistry (COLL) invites you to organize a focused, thematic symposium relevant to colloids, surfaces and nanomaterials, at one of the future ACS national meetings. These thematic symposia change from meeting to meeting and are designed to highlight active research areas of interest to our scientific community.

The Division complements these thematic symposia with a core set of 4 oral symposia on enduring topics at each national meeting: "Nanomaterials", "Surface Chemistry", "Biomaterials and Biointerfaces", "Basic Research in Colloids, Surfactants and Interfaces" as well as the poster symposium "Fundamental Research in Colloids, Surfaces and Nanomaterials". These core symposia with broad themes, make possible the presentation of research that is not included in the thematic symposia that are organized.

Contact

If you want to organize a thematic symposium, please e-mail a proposal to the COLL Program Chair (Dr. Ramanathan Nagarajan (NAGU), CCDC Soldier Center, General Greene Avenue, Natick MA 01760; 508-206-3941; Ramanathan.Nagarajan.Civ@mail.mil) who will act quickly to decide on the suitability of the symposium and the best meeting to schedule it.

If you want to help organize one of the core symposia, also contact the Program Chair.

COLL Division Membership

The COLL Division wants the symposium organizers to be members of the Division. You can sign up with ACS for COLL Division membership while renewing your ACS membership. A membership form is attached at the end of this document.

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

Meeting Theme: Bonding Through Chemistry

261st National Meeting & Exposition, San Antonio, TX

March 21-25, 2021

Proposal deadline: 1 June 2020

Meeting Theme: Resilience of Chemistry

262nd National Meeting & Exposition, Atlanta, GA

August 22-26, 2021

Proposal deadline: 1 November 2020

Meeting Theme: Evolving Bimolecular Sciences

263rd National Meeting & Exposition, San Diego, CA

March 20-24, 2022

Proposal deadline: 1 June 2021

Meeting Theme: Sustainability in a Changing World

264th National Meeting & Exposition, Chicago, IL

August 21-25, 2022

Proposal deadline: 1 November 2021

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)
- Number of half-day sessions planned (can change later)
(Each half-day session is typically 240 minutes long and can accommodate anywhere between 8 to 12 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 three to 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 a proposal to organize a symposium (example below) ~ 9 months before the meeting.
- Publicize your symposium by sending out a call for papers ~ 6 months before the meeting
- Contact and confirm invited speakers ~ 5 months before the meeting.
- (Optional) Raise funds from companies/scientific or professional journals/funding agencies.
- Select/organize abstracts into sessions ~ 4 months before the meeting.
- Assign session chairs to moderate each session ~ 4 months before the meeting.
- Enjoy the opportunity to interact with colleagues during your symposium!
- Consider the option of publishing papers from your symposium with ACS Books

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: lizmarzan@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

COLL OFFICERS (for 2020)

COLL Website Address: <http://www.colloidssurfaces.org>

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| <p>Chair Kathleen J. Stebe, School of Engineering and Applied Sciences University of Pennsylvania Philadelphia, PA 19104 Ph: 215-898-4515 Email: kstebe@seas.upenn.edu</p> | <p>Chair-Elect Matthew Lynch The Procter & Gamble Company Cincinnati, OH 45253 Ph: 513-634-9644 Email: lynch.ml@pg.com</p> |
| <p>Past-Chair Lorena Tribe Division of Science The Pennsylvania State University - Berks Campus Reading, PA 19610 Ph: 610-396-6187 E-mail: lut1@psu.edu</p> | <p>Vice-Chair James Batteas College of Science Texas A&M University College Station, TX 77842 Ph: 979-458-2965 E-mail: batteas@chem.tamu.edu</p> |
| <p>Program Chair Ramanathan Nagarajan (Nagu) U. S. Army Futures Command CCDC Soldier Center Natick, MA 01760 Ph: 508-206-3941 Email: ramanathan.nagarajan.civ@mail.mil</p> | <p>Treasurer Marina Ruths Department of Chemistry University of Massachusetts, Lowell Lowell, MA 01854 Ph: 978-934-3692 Email: Marina_Ruths@uml.edu</p> |
| <p>Secretary Marc Ilies School of Pharmacy Temple University Philadelphia, PA 19140 Ph : 215-707-1749 Email: mailies@temple.edu</p> | <p>Membership Secretary Rosa Espinosa-Marzal Department of Civil & Environmental Engineering University of Illinois Urbana, IL 61801 Ph : 217-300-4380 Email : rosae@illinois.edu</p> |



American Chemical Society Division Membership Application

ACS Member # _____

Date: _____

Name: _____

Address _____

City, State, Zip _____

Country, Postal Code _____

Telephone _____

Email _____

Membership Categories: (check one):

_____ Member → ACS member (\$15)

_____ National Affiliate → National Affiliate ACS member (\$15)

_____ Student → Student ACS member (\$5)

_____ Division Affiliate → Non-ACS member (\$16)

| Code | Division/Subdivision Name | Cost |
|-----------------|--------------------------------------|-------|
| <u>509</u> | <u>Colloid and Surface Chemistry</u> | _____ |
| Total \$ | | _____ |

Please check one:

Bill Me Cash Check Visa/Master Card American Express

Card number: _____

Expiration date: _____

Signature: _____
(Signature is required regardless of method of payment)

Mail: American Chemical Society, Member and Subscriber Services,
PO Box 182426, Columbus, Ohio 43218-2426
Phone: (800) 333-9511, Fax (614) 447-3671
E-mail: service@acs.org