The Nanoscience Meeting

Nanobioscience . Nanosafety

TOULOUSE

December, 8, 9 and 10

Centre de congrès Pierre Baudis
11 Espl. Compans Caffarelli - 31 000 Toulouse

PLENARY SPEAKERS

Suzanne GIASSON
Univ. of Montréal - CRMMA & GRUM, Canada

Julie GROLLIER
CNRS - UMPhy Laboratory, France

Laura Na LIU
Heidelberg Univ. – Kirchhoff Institute for Physics, Germany

Francesca MORESCO
TU Dresden – CFAED, Germany

Teresa PELLEGRINO
ITT – Central Research Labs Genova, Italy

Patrice SIMON
Univ. Toulouse Paul Sabatier – CIRIMAT, France

SATELLITE EVENT

WORKSHOP
organized by FET OPEN MEMO
“Single molecule mechanics on a surface: gears, motors and cars”
For the fourth consecutive year, the French national Competency Cluster in Nanoscience of CNRS, C’Nano, organize its annual scientific congress. This new edition C’Nano 2020 – The Nanoscience Meeting will take place in France in the Occitanie region at the Congress Center Pierre Baudis in Toulouse from December 8th to 10th, 2020.

This event aims at gathering various scientific communities displaying research activities in nanoscience and nanotechnology. It is dedicated to all scientists, including academic and industrial researchers, engineers, PhD Students, post-doctorates...

The program will include plenary lectures and parallel sessions on topics at the interface of various research areas: nanomaterials, nanobiology, nanophotonics, nanobiomedicine, nanotechnology, nano-engineering, nanofabrication by design, nanocomposites, nanoplastics, nano-environment...

In addition, a poster session will be opened for contributions and an exhibition area will be organized for sponsors and partners. A ceremony will be also organized to reward best PhD Thesis 2020 in nanoscience as well as best oral and poster presentations.

Last, a satellite event will be organized simultaneously in the frame of the European FET OPEN MEMO project (Mechanics with Molecules) coordinated by Francesca MORESCO at the TU Dresden (Center for Advancing Electronics): a workshop on “Single molecule mechanics on a surface: gears, motors and cars”.

Around 300 attendees from academia and industry are expected!

Corinne Chanéac, Professor at Sorbonne University & Head of C’Nano

Organizing committee

For this fourth edition, C’Nano strongly mobilizes its southwestern board and works closely with three local research laboratories: CEMES – CNRS, LCC – CNRS and LPCNO (CNRS, University Toulouse Paul Sabatier, INSA of Toulouse).

National organizing committee

Corinne CHANÉAC, Head of C’Nano (Sorbonne University – C’Nano)
Julie CARIMALO, National Coordinator (CNRS – C’Nano)
Christophe DECILAP, Administrative & Financial Officer (CNRS – C’Nano)
Marieke MOREL, Communication Officer (CNRS – C’Nano)

Local organizing committee

Xavier BOUJU (CNRS – CEMES)
Katia FAJERWERG (University Toulouse Paul Sabatier – LCC)
Myrtil KAHN (CNRS – LCC)
Bernard LEGRAND (CNRS – LAAS)
Étienne PALLEAU (INSA of Toulouse – LPCNO)

Program (Provisional program subject to modifications).

Tuesday, December 8th

8:00 Registration & Welcome coffee
9:00 Opening session
9:15 Plenary session
10:45 Thematic sessions
12:45 Lunch & Posters session
14:45 Thematic sessions
16:30 Thematic sessions
17:30 Plenary session
18:15 Presentation of Nanocar Race II Teams
19:30 Welcome cocktail & posters session

Wednesday, December 9th

8:30 Plenary session
9:00 Sponsors presentations
11:00 Thematic sessions
13:00 Lunch & Posters session
15:00 Plenary session
16:00 Thematic sessions
17:30 Thematic sessions
18:30 C’Nano PhD Awards 2020 Ceremony
20:30 Gala dinner

Thursday, December 10th

9:00 Plenary session
10:30 Thematic sessions
12:30 Lunch & Posters session
14:00 Thematic sessions
15:30 Plenary session
16:30 Best talks & posters Awards Ceremony
17:00 Closing session
Topics & speakers

### Plenary Speakers

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Suzanne GIASSON</td>
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### Thematic sessions

#### Nanophotonics & Nano-optics
- Nanomaterials for Energy
  - in partnership with GDR NAME

#### Nanomaterials for Energy & Risks
- Nano: health, environment
- Nanoscale heat transfer - Measurement
  - in partnership with Club nanoMétrie & LNE

#### Nano Gold by young researchers
- in partnership with GDR Or-nano

### Satellite events

**Workshop “Single molecule mechanics on a surface: gears, motors and cars”**
organized by FET OPEN MEMO project - December 9th & 10th, 2020

“Session on innovation in nanoscience”

### Key deadlines

- Deadline for **PhD Thesis Awards** application: September 14th, 2020
- Deadline for **abstract submission**: September 15th, 2020
- Deadline for **early registration**: October 19th, 2020
- Deadline for **late registration**: November 9th, 2020

### Sponsoring opportunity: details & prices

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<tr>
<th>SPONSORSHIP CATEGORY</th>
<th>Bronze</th>
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<td><strong>PRICE</strong></td>
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<td>Free registrations to the congress</td>
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<td>Stand exhibition booth*</td>
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<td>Oral presentation during the congress (5min)</td>
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* The stand will include: one table, 2 chairs as well as power supply.

**Special offer for start-up:** contact us for more information!

**Contact:** cnano2020@sciencesconf.org

**More information:** https://cnano2020.sciencesconf.org

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