



Forum on
**INTERNATIONAL
PHYSICS**

FIP Newsletter

Special Edition March Meeting 2020



A warm welcome to the APS March Meeting 2020 from the Forum on International Physics (FIP). Our mission is to foster cooperation and communication among physicists of all countries.

I invite you to attend all FIP invited sessions at this meeting and to introduce yourself to our Executive Committee members. We are committed to be a leading voice for physics and international cooperation, for the advancement of physics and the benefit of humanity.

Fulfilling this mission includes supporting the mobility of scientists and a culture of open communication. The values that advance science necessarily include open scientific discourse, free from discrimination and harassment, and consideration of diverse points of view. Physics drives the world's economy and creates the global future; help FIP guide it along a path that benefits all.

See you in Denver,



Luisa Cifarelli

Chair – Forum on International Physics (FIP)

University of Bologna, Italy – e-mail: luisa.cifarelli@unibo.it

Tuesday, March 3, 2020 - 6:00PM-8:00PM

FIP/FECS Reception

Hyatt Regency Denver at Colorado Convention Center

Granite A/B Room

Co-hosted with the APS Office of International Affairs, the International Association of Chinese Physicists and Astronomers, and the Forum of Early Career Physicists (FECS).

Do not miss an excellent opportunity to meet the international community of physicists! Light refreshments will be served.

**Join us!
Become a fip member**



In this special edition of our FIP newsletter, you can find information on events and sessions designed specifically for FIP members.

Don't forget to attend the APS and FIP activities, especially the APS Welcome Reception and our invited FIP sessions. We hope that you will enjoy the March Meeting 2020 and that your interactions with researchers from different communities will stimulate a creative exchange of ideas.

Have a nice stay in Denver!



Maria Longobardi

Newsletter Editor – Forum on International Physics (FIP)

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**Hyatt Regency Denver
at Colorado Convention Center**



Monday, March 2, 2020 11:15AM – 2:15PM

Session B37 – Room 605: PHYSICS WITH ACCELERATORS

Chair: Luisa Cifarelli, University of Bologna, Italy

1. Mission (im-)possible: The decoding of matter
Helmut Dosch (DESY, Germany)
 2. The European Spallation Source
John Womersley (ESS, Sweden)
 3. The ASU compact XFEL project
William Graves (Arizona State University)
 4. Plasma-based accelerators driven by particle beams
Sébastien Corde (Ecole Polytechnique, France)
 5. High gradient accelerators at THz frequencies
Emilio Nanni (SLAC National Accelerator Laboratory)
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Wednesday, March 4, 2020 11:15AM – 2:15PM

Session M19 – Room 207: PHYSICS FOR DEVELOPMENT

Chair: Roy Peterson, University of Colorado, Boulder

1. Actions and schemes of support towards developing countries
Joseph Niemela (ICTP, Italy)
 2. The voice of physics in Africa
James Gubernatis (Los Alamos National Laboratory)
 3. SESAME project in the Middle East: Synchrotron radiation for sciences
E. Ercan Alp (Argonne National Laboratory)
 4. Fundamental physics and accelerator science in developing countries
Christine Darve (ESS, Sweden)
 5. Multifunctional materials for emerging technologies
Federico Rosei (INRS, Canada) – **WHEATLEY AWARD**
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Thursday, March 5, 2020 11:15AM – 2:15PM

Session S37 – Room 605: TOP SCIENCE IN EUROPE: Early career scientists and the ERC grants (Co-sponsored with FECS)

Chair: Maria Longobardi, Switzerland

1. Atomically thin van der Waals magnets: a career in flatland
Efren Navarro-Moratalla (University of Valencia, Spain)
 2. Electrocatalysis from two-dimensional materials: An ERC project
Damien Voiry (University of Montpellier, France)
 3. Obtaining an ERC Starting Grant
Toma Susi (University of Vienna, Austria)
 4. Physics for society: Grand challenges in the horizon 2050
Carlos Hidalgo (European Physical Society and CIEMAT, Spain)
 5. Connecting the (quantum) dots: Road to ERC funding
Francesco Di Stasio (IIT, Italy)
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