CMD General Assembly, September 4<sup>th</sup>, 2023

Chaired by José María De Teresa
(CMD Board Chair in the period 2021-2024)

AGENDA:

- Introduction to the EPS. Latest news.
- CMD conferences. Past and future.
- CMD communication. Webpage, newsletter, twitter.
- Europhysics Prize.
- Other CMD activities.
- Questions and comments.
Introduction to the European Physical Society (EPS)

• Independent association, governed by French laws
• Seat: Mulhouse (France)
• Founded in 1968
• Organised professional network on Physics
• 42 Member Societies (more than 120,000 members)

>> The object of the EUROPEAN PHYSICAL SOCIETY (EPS) is and shall be to contribute to and promote the advancement of Physics, in Europe and in neighbouring countries, by all suitable means and in particular by providing a forum for the discussion of subjects of common interest and by providing means whereby action can be taken on those matters which appear desirable to handle on the international level.

https://www.eps.org/
About the European Physical Society (EPS)

The European Physical Society (EPS) is a not for profit association whose members include 42 National Physical Societies in Europe, individuals from all fields of physics, and European research institutions.

As a learned society, the EPS engages in activities that strengthen ties among the physicists in Europe. As a federation of National Physical Societies, the EPS studies issues of concern to all European countries relating to physics research, science policy and education.
Introduction to the European Physical Society (EPS)

- The activities of the EPS depend crucially on the involvement of individual members

https://www.eps.org/
Introduction to the European Physical Society (EPS)

European Physical Society

12 thematic divisions
6 topical groups

7 committees
- European Integration
- Forum Physics and Society
- Distinctions and Awards
- Historic Sites
- Equal Opportunities
- Young Minds
- Conference committee

Support
- Conference Services
- Conference Proceedings
- Europhysics Conferences
- Recognised Conferences
- Grants
- Brussels Office

Publications
- Europhysics News
- e-EPS
- EPL
- EJP

Representation
Gathering of information
Lobbying
Events

https://www.eps.org/
https://www.epsyoungminds.org/
https://www.europhysicsnews.org/
EPS Latest news

*Current EPS President: Luc Bergé (CEA, France)

*Current Secretary General: Anne Pawsey.

Replacing David Lee (after more than 20 years at EPS)

*New President-Elect: Mairi Sakellariadou (King’s College in London).
Focus on preservation of our environment, economic independence of Europe, more visibility of all European countries, gender balance, school organization for early-stage researchers, foster collaborations amongst the EPS divisions, increase the impact of the EPL journal.

*Modification of the EPS constitution and by-laws in November 2023.

New committees and working groups

*EPS finances and challenges.

Substantial remanent funds, but threats of activity taxing

*EPS Forum in Berlin (March 2024).

1st EPS Forum in Paris, 2nd in Berlin: www.epsforum.org
CMD: structure and mission.
Latest developments.

*Founded in 1969

*Chairs: Samuel Edwards, André Guinier, Water Merz, Minko Balkanski, Jozef Devreese, Franco Bassani, Peter Wyder, Hans Ott, Eoin O’Reilly, Kees, van der Beek, José María De Teresa

https://www.europhysicsnews.org/articles/epn/abs/2018/05/epn2018495p40/epn2018495p40.html

*Individual members: less than 600

*Sections: Soft Matter and Biophysics, Structure and Dynamics, Low Temperatures Physics, Liquid Physics, Semiconductors and Quantum Materials, Surface and Interface Physics Board, Magnetism (EMA), European high-pressure research group.

*CMD Board: currently formed by 19 scientists (10 men and 9 women) from 11 countries.

*Aims of CMD: a) to promote the support and co-ordination of research activities; b) establish, build, and safeguard links across Europe across academia, industry, and education; c) to provide a European Forum for Condensed Matter Physics, d) to provide a voice for Condensed Matter Physics, e) to help in the training of young researchers and in the development of their abilities that may facilitate their future professional life; f) to cooperate with other Divisions of the EPS, and other similar organisations in any common field of interest, g) to offer expertise and advice to other bodies of the EPS as well as to other European institutions in the field of condensed matter physics, h) to promote the public understanding and appreciation of condensed matter physics.
CMD Board members (September 2023):

- José María De Teresa (Zaragoza, CMD Board Chair)
- Laurence Ramos (Montpellier, representing the Soft Matter and Biophysics Board).
- Joaquim Agostinho Moreira (Porto, representing the Structure and Dynamics Board)
- Christian Enss (Heidelberg, representing the Low Temperatures Board)
- Roel Dullens (Nijmegen, representing the Liquid Physics Board)
- Enrique Díez (Salamanca, representing the Semiconductors and Quantum Materials Board)
- Amina Taleb (Gif-sur-Yvette, representing the Surface and Interface Physics Board)
- Olivier Fruchart (CEA Grenoble, representing EMA).
- Julia Contreras-García (Paris, representing the EHPRG)
- Erich Runge (Ilmenau, elected)
- Silke Bühler-Paschen (Vienna, elected)
- Maria José Calderón (Madrid, elected)
- Venkata Kamalakar (Uppsala, elected)
- José Lado (Aalto, elected)
- Laurence Noirez (Paris, elected)
- Kees van der Beek (Palaiseau, EPS Executive Committee member, co-opted)
- Roberta Caruso (Naples, Young Minds, co-opted)
- Aleksandra Szkudlarek (Krakow, co-opted)
- Hannah Price (Birmingham, co-opted)

CMD Board refresh:
*every 4 years, renewal of the Chair
*every 2 years, renewal of half of the elected members and the co-opted members
CMD conferences. Past and future.

*CMD 1 in 1980: HELD IN ANTWERP

*…..

*CMD 28 in 2020 (online): CMD2020GEFES HELD IN MADRID IN COLLABORATION WITH GEFES-RSEF

*CMD 29 in 2022: HELD IN MANCHESTER IN COLLABORATION WITH THE INSTITUTE OF PHYSICS

*CMD 30 in 2023: CMD30-FISMAT2023 HELD IN MILAN IN COLLABORATION WITH FISMAT

*CMD 31 in 2024: CMD31 TO BE HELD IN BRAGA IN COLLABORATION WITH THE PORTUGUESE PHYSICAL SOCIETY

*CANDIDATES FOR UPCOMING CMD CONFERENCES ARE WELCOME

CMD30

*Very successful call of mini-colloquia (>60)

*Very successful call for abstracts (>1300)
CMD communication. Webpage, newsletter, twitter.

**CMD WEBPAGE**
*Hosted in the EPS webpage*
*Updated whenever it is needed*

**CMD NEWSLETTER**
*1-2 months periodicity.*
*Sent to the condensed matter community at large (6000 scientists).*
*Information on conferences, activities, news, etc.*
*Use of the Mailchimp tool, which is also used for urgent announcements.*
*Please, send me any info to be included in the newsletter (eps.cmd.chair@gmail.com)*
Europhysics Prize

• one of most prestigious prizes in the field of condensed matter physics
• in recognition of a prominent and well-identifiable discovery, breakthrough, or contribution to condensed matter physics, by one or more individuals, … , representing scientific excellence.
• awarded every year that a CMD conference takes place
• for either pure or applied research
• research for which a significant portion of the work was carried out in Europe

2022 Laureates: Prof. Agnès Barthélémy and Dr. Manuel Bibes (CNRS/Thales laboratory of University Paris-Saclay), Prof. Ramamoorthy Ramesh (UC Berkeley) and Prof. Nicola Spaldin (ETH Zurich) for seminal contributions to the physics and applications of multiferroic and magnetoelectric materials.

2023 Laureates: Professor Claudia Felser (Max Planck) and Professor B. Andrei Bernevig (Princeton and DIPC) for seminal contributions to the classification, prediction, and discovery of novel topological quantum materials.
Other CMD Activities

*Representation of the condensed matter community within EPS: Publications (e-EPS, Europhysics news), Grand challenges in Physics 2050 book, CMD sessions in the EPS Forum, participation in the EPS Council, support of proposals for EPS prizes and distinctions, etc.

*Section conferences: Liquid Matter conference, ECOSS, Low temperature physics, JEMS, summer schools, etc.

*Online workshops: CMD-IOP workshops in 2021-2022, Structure and Dynamics online workshops since 2022, etc.

*Liquid Physics prize

*A public report of all the CMD activities can be downloaded here: https://www.eps.org/members/group.aspx?id=85187
To keep EPS-CMD alive, we need your active participation

- Enroll in your national physical society
- Enroll in EPS either directly or through your national physical society: [https://www.eps.org/](https://www.eps.org/)
- Young researchers: enroll in the EPS Young Minds project
- Participate in EPS / CMD conferences
- Participate in conference organization (minicolloquia !)
- Submit articles / information & other contributions to the CMD & EPS publications
- Nominate candidates for the CMD and EPS prize and distinctions
- Vote for your CMD and EPS representatives
- Be a candidate for becoming a CMD Board elected member
Thanks for your support!

*Contact*: eps.cmd.chair@gmail.com
Questions and comments?