



# European Solar Physics Division

09/2017 – 09/2021 report

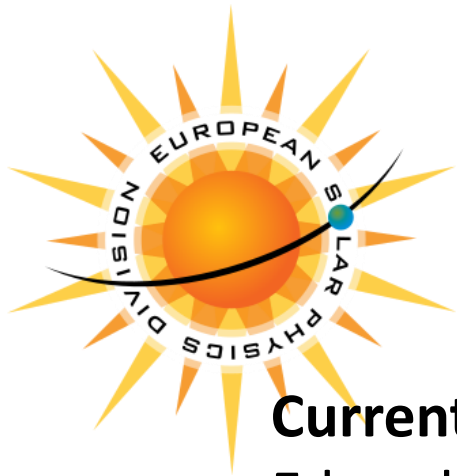
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ESPD is a joint Division of the European Physical Society and the European Astronomical Society, since 2008 (an EPS Group before, since 1976).



The objective of the ESPD is the advancement of the study of the Sun, the dissemination of key results of solar physics research to the general public and the promotion and coordination of such research with other areas and branches of the physical science.



The business of the Division is conducted by the Board of the Division (**ESPD Board** consists from 12 elected members )

**Current Board Membership (Elections during ESPM-15 in Budapest)**

Eduard Kontar (UK) - President

Étienne Pariat (FR) - Vice-president

Istvan Ballai (UK) - Treasurer

Tiago Pereira (NO) - Secretary

Shaun Bloomfield (UK)

Ilaria Ermolli (IT)

Elena Khomenko (ES)

Emilia Kilpua (FI)

Jasmina Magdalenic (BE)

Ramón Oliver (ES)

Georgia Tsiropoula (GR)

Francesca Zuccarello (IT)

**Gender  
balance:  
50% M, 50% F**



## ESPD Board Committees:

**ESPD Conference/Workshop/School Committee:** Georgia Tsiropoula (chair), Ramon Oliver, Emilia Kilpua

**ESPD Prizes and Awards Committee:** Étienne Pariat (chair), Francesca Zuccarello, Istvan Ballai, Elena Khomenko

**ESPD Nominating Committee:** Étienne Pariat (chair), Tiago Pereira, Lidia Van-Driel-Gesztelyi

**ESPD Website Committee:** Shaun Bloomfield (chair), Emilia Kilpua, Tiago Pereira

**ESPD Education and Public Outreach Committee:** Ilaria Ermolli (chair), Jasmina Magdalenic



## The Division and other European Learned Societies:

The Division “joins” forces of CESRA, EAST, SWWT (ESA), etc:

ESA’s Space Weather Working Team (SWWT)

European Association of Solar Telescopes (EAST)

Community of European Solar Radio Astronomers (CESRA)

....


The Board includes three (3) co-opted members representing entities with an interest in solar physics

Mats Carlsson (co-opted: EAST)

Eduard Kontar (co-opted: CESRA)

Stefaan Poedts (co-opted: SWWT)

Manolis Georgoulis (co-opted: former president)



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# European Solar Physics Division


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*(December 2017)* ([Learn how and when to remove this template message](#))

The **European Solar Physics Division (ESPD)** of the [European Physical Society](#) (EPS), is an organisation whose purpose is to promote [solar physics](#) and represent European scientists interested in the physics of the [Sun](#). The ESPD is known mostly for its organisation of the European Solar Physics Meetings, which bring together European solar physicists and take place every three years. Since 2017, the ESPD awards three prizes: the *Senior Prize* for outstanding contributions over an extended period of time to solar physics, the *Early Career Prize* for

European Solar Physics Divis





European Physical Society  
more than ideas

## Divisions: European Solar Physics Division

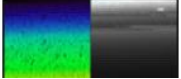
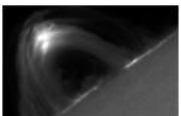
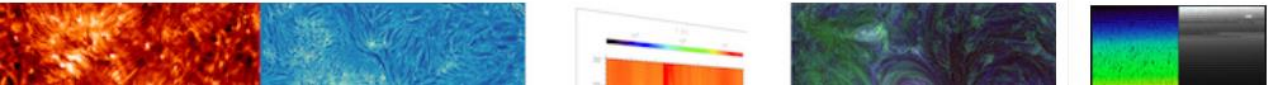
 Group Pages  Directory & Features



Welcome to the web pages of the **European Solar Physics Division (ESPD)**. The ESPD is a division of the **European Physical Society** that represents and provides a forum for scientists interested in the physics of the Sun. We are also on Twitter: [@Solar\\_EPS](#), and you can [submit content for us to tweet!](#)

### Navigation

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- [Solar physics](#)
- [Organisations](#)
- [Journals](#)
- [Prizes](#)



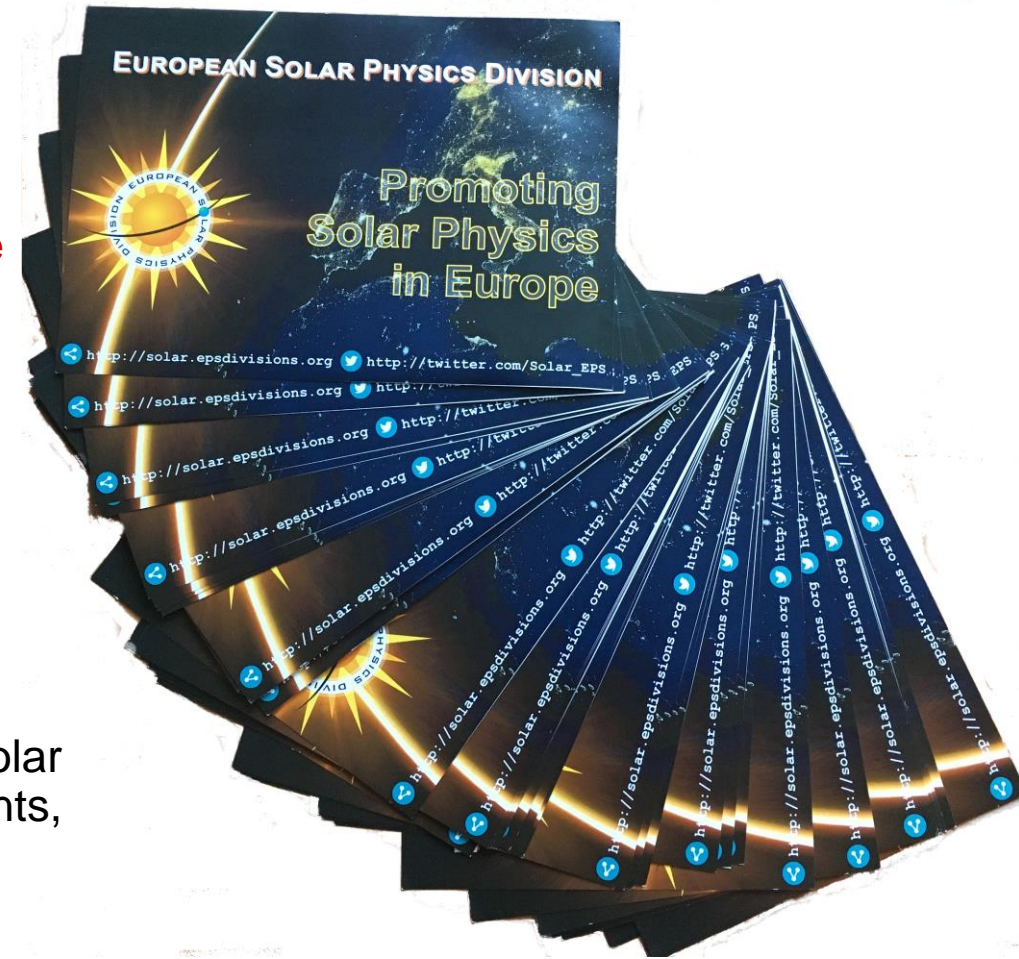
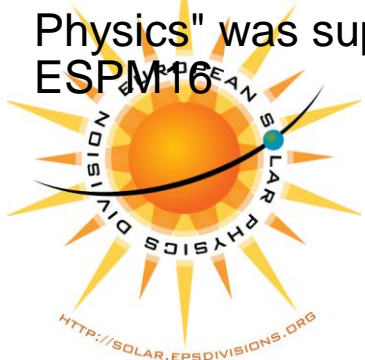


# Education & public outreach:

## Activities of the Education & public outreach committee:

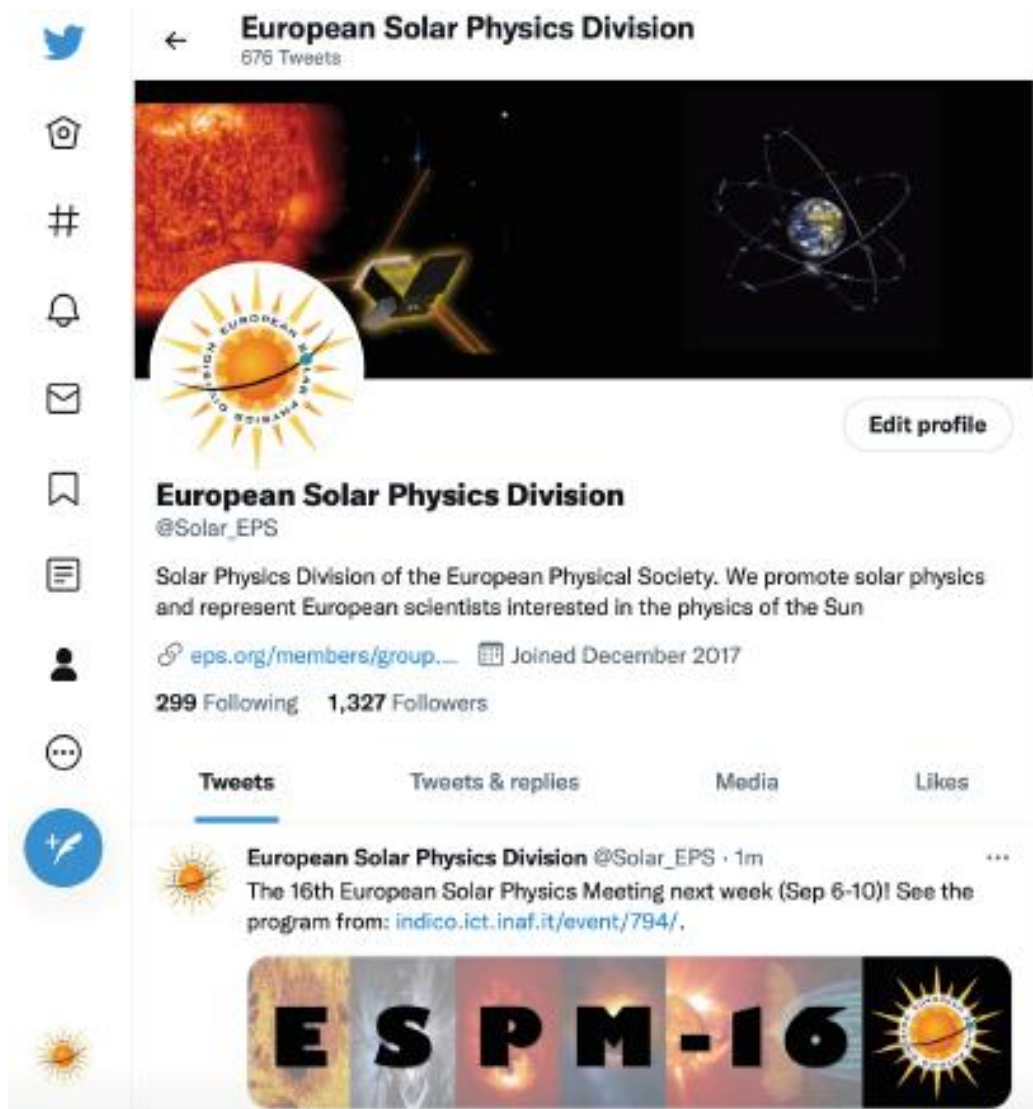
- Preparation of the flyer on ESPD activities & promotional sticker:  
→ prepared & distributed at large meetings which took place before the SARS-CoV-2 restrictions  
(e.g. IAU340, Solar wind conference, EWASS 2018, Space Weather Week etc).
- Organization of the splinter sessions at international meetings (the strong re-arrangement of the programs at majority of the online conferences prevented the organization of the foreseen splinter sessions)
- Promotion of educational material related to solar physics, and of solar physics research to general public during outreach and special events, e.g. the ERN2020

Public lectures e.g. lecture "Career Perspective in Solar Physics" was supposed to be held by the ESPD board members at the ESPM16



The education & public outreach activities were very strongly hampered.

The quarantine and distancing measures implemented in Europe and around the world in response to the pandemic SARS-CoV-2 infection, during almost 2 years time, made it impossible to achieve all the activities foreseen at meetings and at outreach events.



## European Solar Physics Division's Twitter account: @Solar\_EPS

- > 1300 followers
- 676 tweets
- Tweets/re-tweets about
  - ESPD news
  - EPS news
  - conferences and meetings
  - key papers (in particular by European teams)
  - job vacancies
  - general news about the Sun and from solar observatories

you can submit content for us to tweet!



# ESPD Prizes

## PhD Thesis & Early Career Prizes summary:

- 34 Nominations received
  - Steady increase of nominations: 5 in 2017 -> 9 in 2021
  - Always excellent quality nominations: decision difficult!
  - Gender ratio: 13 F / 21 M
  - Geographical distribution: 10 different countries
    - UK (8), Germany (5), Belgium (4), France (4), Spain (4), Austria (3), Italy (3), Finland, Norway, USA.
- 10 Awardees
  - Gender ratio: 3 F / 7 M
  - Geographical distribution: 7 different countries
    - Belgium (2), France (2), UK (2), Austria, Germany, Norway, Spain

## Three different prizes:

Senior prize (every 3 years)

Postdoc prize (annually)

PhD Thesis prize (annually)

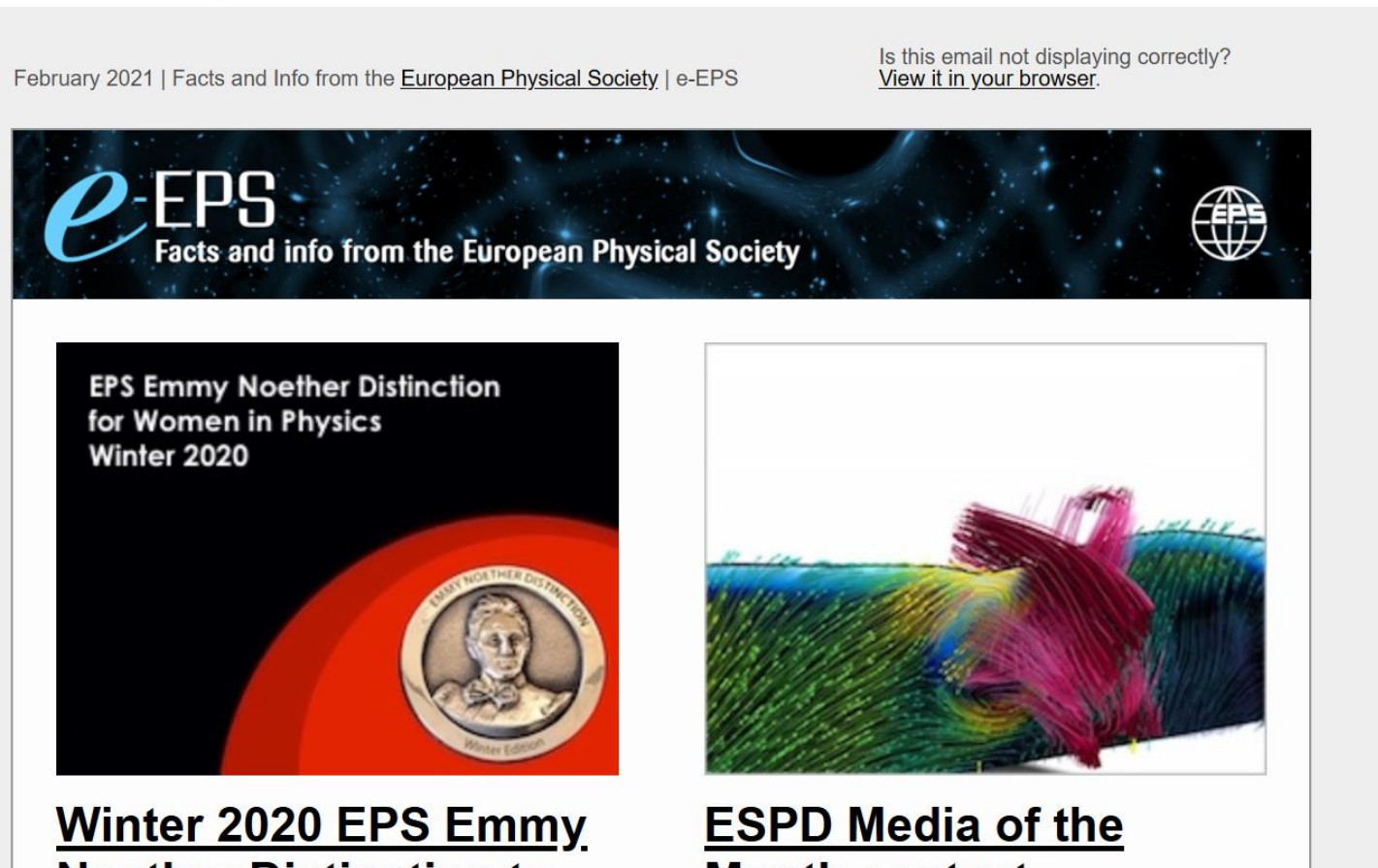
**Note ESPD Senior Prize lecture (2020 winner) by Eric Priest on Friday**



# The Division and the European Physical Society



- Regular representation in annual EPS Council Meetings and other EPS gatherings
- Division in e-EPS Newsletter bulletins
- EPS supports financially ESPD activities





## **EPS Grand Challenges: Physics for Society in the Horizon 2050**



To address the social dimension of science and the grand challenges in physics:

- physics as global human enterprise for understanding nature
- physics developments to tackle major issues affecting the lives of citizens

ESPD contributed into the structure and some chapters of forthcoming publication of the European Physical Society: "**EPS Grand Challenges: Physics for Society at the Horizon 2050**"



## Solar Physics Division & Plasma Physics Division

ESPD organised with **PPD a joint session** within the Basic Plasmas and Space & Astrophysical Plasmas theme during the 46<sup>th</sup> EPS Conference on Plasma Physics. The PPD meeting took place in Milan, Italy from 8 to 12 July 2019. Three solar physicists proposed by the ESPD Board gave invited talks in the joint session.

ESPD organized with **PPD a joint session** within the Basic Plasmas and Space & Astrophysical Plasmas theme. The PPD meeting took place in Prague, Czech Republic from 2<sup>nd</sup> to 6<sup>th</sup> July 2018.

ESPD provided sponsorship to the EST Science Meeting held in Giardini Naxos (Italy) on 11-15 June, 2018.



# Europe-China cooperation in Solar Physics

Biennial meetings, exchanging views on the state of the art and collaboration opportunities

1<sup>st</sup> Sion-European meeting was Kunming, Yunnan Prov., China, 15 – 19 May, 2017

2<sup>nd</sup> China-Europe Solar Physics Meeting was in Hvar, May 2019

3<sup>rd</sup> meeting was planned in 2021 but postponed due to the pandemic.

**2nd China-Europe Solar  
Physics Meeting (CESPM)**  
**Advances in Solar and Heliospheric Physics**

6 - 10 May 2019  
Hvar, Croatia





## European Solar Physics Meeting -16

In 2018, ESPD solicited proposals by European groups to host the 16<sup>th</sup> European Solar Physics Meeting (ESPM-16) in 2020 and in the August-September timeframe. Three proposals were received. Turin was selected by the Board to host ESPM-16.

Due to pandemic, ESPM16 was postponed till 2021. Unfortunately, face-to-face meeting appeared to be impossible to be organized in Turin and online meeting in September 2021 was agreed by the Board.

ESPM-16 meeting attracted 638 participants (probably the largest solar physics meeting) with around 400 contributions.



# Special Issue - European Solar Physics Meeting -16

ESPM-16 is considering to publish a journal special issue highlighting the progress in Solar Physics over the last 3-4 years. The special issue will feature mini-reviews and original contributions. As an example, please see [the special issue published after ESPM-15](#).

If you are interested in submitting a paper to ESPM-16 special issue, please fill in Google Form before September 9, 2021 (link was sent via email):

<https://forms.gle/xcc6tVHn3aHVEqGQ6>

The journal to publish our special issue has not been decided yet, and it will depend on your responses; Advances in Space Research, Solar Physics journals are currently considered.

So far 12 positive responses.





**Solar Physics Division** needs you and depends on you!

Feel free to contact and make any suggestions the Board (newly elected!).