

Proceedings of the annual meeting of the French Society of Astronomy & Astrophysics

Toulouse, June 2-5, 2015

SF2A
SOCIÉTÉ FRANÇAISE
D'ASTRONOMIE &
D'ASTROPHYSIQUE

o irap
astrophysique & planétologie

<http://2015.sf2a.eu>

SEMAINE DE L'ASTROPHYSIQUE

DU 2 AU 5 JUN 2015 TOULOUSE, FRANCE
UNIVERSITÉ PAUL SABATIER BAT 2A

Evénements

- Prix jeune chercheur
- Prix de thèse
- Prix de collaboration franco-espagnole
- Prix scolaire "Découvrir l'Univers"
- Conférence grand public

Journées de la SF2A

Société invitée :
Société Canadienne d'Astronomie

Sessions plénières
Ateliers scientifiques

Scientific Organizing Committee

- H. Wozniak (Président SF2A)
- S. Boissier (Vice-Président SF2A)
- C. Reylé (Vice-Présidente UAI-SF2A)
- J. Ballet
- V. Buat
- L. Cambrésy
- M. Deleuil
- F. Martins
- R. Monier
- A. Palacios
- P. Petit
- V. Wakelam

Local Organizing Committee

- Pascal Petit (co-chair)
- Natalie Webb (co-chair)
- Marie-Ange Albouy
- Jérôme Ballot
- Clément Baruteau
- Olivier Berné
- Jean-François Botte
- Sylvie Etcheverry
- Karine Gadré
- Dolores Granat
- Laurence Jouve
- Rachel Lacôme
- Brahim Lamine

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The annual meeting of the French Society of Astronomy and Astrophysics (*Société Française d'Astronomie et d'Astrophysique* - SF2A), nicknamed *Journées* or *Semaine de l'Astrophysique*, has become a major event in the landscape of French Astronomy. The XXXVth session, hosted by the *Institut de Recherche en Astrophysique et Planétologie* from June 2 to 5, in Toulouse, did not depart from the tradition.

These *Journées* were very well attended with about 275 professional astronomers and astrophysicists, who participated to plenary sessions organized by the SF2A and to 13 workshops organized by the scientific committees of the *Programmes Nationaux* (PN) and *Actions Spécifiques* (AS) of INSU-CNRS. A 14th workshop, organized by the SF2A, was dedicated to the integration of young researchers into the economic world.

The talks were exciting and well received. The discussions were very lively and often continued well into the coffee breaks. During the plenary sessions, scientific reviews focused on outstanding scientific results obtained recently by our community. Our special guest, the *Société Canadienne d'Astronomie* (CASCA) represented by Stéphane Courteau, reminded us amusedly the tumultuous birth of the long-standing French-Canadian collaboration. Other general talks led to topical discussions on the organization and the future of French astronomical research in the fast moving national and international environment. In particular, Denis Mourard (INSU) provided the community with a thorough overview of the objectives and available ground-based facilities, just a few months after the workshop on the INSU Mid-term Plan in Giens. Christian Sirmain presented a review of the current and future activities of the Centre National d'Etudes Spatiales (CNES). Michel Marcelin, Benoit Mosser and Christophe Sauty gave an account of the CoNRS section 17, CNAP and CNU section 34 activities.

A large number of SF2A members attended the General Assembly where the annual activity and financial reports of our Society were presented by the new president and treasurer of the SF2A Council, H. Wozniak and A. Palacios. Most important, Françoise Combes was nominated *Membre d'Honneur* of our Society.

Several new features were introduced in 2015. The use of social networks, especially Twitter (#sf2a2015) and Facebook, has been overwhelmingly increased during the meeting, thanks to our community manager (or activist ?) and SF2A board member, P. Petit. Two workshops were organized by the community in reply to a call of opportunity (S09 and S11 workshops). The success of this open call encourages us to continue this action next year. Lunch-meetings were officially scheduled. One was dedicated to the preparation of the next IAU General Assembly in Hawaii and the second focused on the competitions for permanent positions in France.

A key moment of these *Journées* is the awards ceremony (and buffet in the splendid *Salle des Colonnes* of the *Hôtel Dieu*). The SF2A Young Researcher prize was given to Johan Richard by Roland Bacon (both from CRAL). Jérôme Pety (IRAM) and Javier R. Goicoechea (ICMM-CSIC) were awarded the 3rd SEA-SF2A prize, given by the SF2A president, H. Wozniak. Quentin Kral (LESIA, Observatoire de Paris) was presented with the Thesis prize by M. Deleuil (SF2A board). We warmly thank the sponsors of these prizes, EdP Sciences and the Exelis company for their continuing interest in our science and support to our Society. One traditional sponsor of the Young Researcher prize was sadly missing this year. We hope this situation is only temporary.

Along the *Journées* a number of social, outreach, and cultural events were organized. The SF2A Prize *Découvrir l'Univers* sponsored by EdP Sciences aimed at promoting astronomy among children and young students. Three classrooms were awarded the prize during a special ceremony held in the Cité de l'Espace which offered a party and a planetarium session to the winners. On thursday, Thierry Contini (IRAP) gave a public conference in a packed auditorium of 200 people, on the last results obtained by MUSE on the VLT.

The venue of this conference was made possible through a number of sponsoring organizations and companies: the INSU-CNRS, the CNES, the Service d'Astrophysique du CEA/DSM/IRFU. PN and AS of INSU-CNRS have supported the organization of the workshops. We are extremely grateful to the Observatoire Midi-Pyrénées and the University of Toulouse Paul Sabatier for assisting and hosting the *Journées*.

The success of the meeting hinged on the efforts of many people. The Local Organizing Committee was led by Natalie Webb and Pascal Petit and consisted of the further members : Marie-Ange Albouy, Jérôme Ballot, Clément Baruteau, Olivier Berné, Jean-François Botte, Sylvie Etcheverry, Karine Gadré, Dolorès Granat, Laurène Jouve, Rachel Lacôme, Brahim Lamine. Their infallible enthusiasm for preparing this event was undoubtedly a great part of the success. Thanks also to the SF2A board, acting as Scientific Organizing Committee, for its active contribution, and to the editors of these proceedings.

In conclusion the success of these XXXVth *Journées*, which brought together colleagues from all branches of astrophysics, was overwhelming, so that we feel encouraged to think of the organization of the next conference, in Lyons, in June 2016.

Hervé Wozniak, President of the SF2A