

**Minutes of IAC/JEMS and GC/EMA Meeting**  
**JEMS 2018 Mainz\_ July 8, 2018**  
(Starting time: 16,15 p.m; End: 18.30 pm).

Present: F. Albertini, D. Fiorani, B. Hillebrands, N. Lupu, R. Cowburn, N. Dempsey, O. Fruhart, P. Nordblad, D. Suess, R. Varga, L. Panina, L. Heydermann, D. Niarchos, E. Bruck, T. Jungwirth, J. P. Araújo, L. Abelman, P. Oppener, N. Perov

Invited: Kees van der Beek, chair of the EPS Condensed Matter Board, Jairo Sinova (JEMS 2018 chair), Roland Mathieu (Co-chair of JEMS 2019), Diana C. Leitao (JEMS 2020 Bid, Lisbon).

Dino Fiorani opens the meeting giving a warm welcome to the participants. He introduces Kees Van der Beek, chair of the Condensed Matter Division (CMD) of the European Physical Society. He was invited to join the meeting following the agreement among the EMA and CMD/EPS. He welcomes Nikolai Perov, president of the Russian Society for Magnetism that recently joined EMA. He also welcomes the new members, recently elected, of the International Advisory Committee of JEMS (IAC) and of the General Council (GC) of EMA. The updated composition of the IAC and the GC is reported in the web site magnetism.eu.

D. Fiorani informs that this meeting is the last joined meeting between the IAC/JEMS and the GC/EMA.

The meeting agenda follows:

### **JEMS**

- 1) Preliminary report on JEMS 2018 (Jairo Sinova)
- 2) Updating of the organization of JEMS 2019 in Uppsala (Roland Mathieu)
- 3) Presentation of bid for JEMS 2020 in Lisbon (Diana C. Leitao)
- 4) General Data Protection Regulations (Olivier Fruchart)
- 5) Any other business

### **ESM**

- 1) ESM 2018: "Magnetism by light" (September 17-28, Krakov) (Olivier Fruchart) and ESM 2019 "Experimental techniques" (September 2-13, Brno (Olivier Fruchart)

### **EMA**

- 1) Report (Dino Fiorani)
- 2) Proposals of new actions:  
EMA vs Companies (Oliver Gutfleisch, Dimitris Niarchos, Paulo Freitas)
- 3) EMA web site and Newsletter (Olivier Fruchart)
- 4) Any other business

## JEMS

### 1) Preliminary report on JEMS 2018 (Jairo Sinova)

Jairo Sinova presents some data on the conference: there were about 966 participants and 1133 abstracts. He reports on some successful novel events introduced in the program of the present edition, as the session “Women in magnetism” and childcare facility. The final budget has a slight surplus due to registration fees, EMA and DFG financial supports.

His presentation (reported on the web site) is followed by questions and discussion. Fiorani asks how many students attended the conference. J. Sinova informs that there were 300 students. The committee has made a selection of 50 student grants for registration fee waiving that have been mostly assigned according to the principle of favouring the participation of students from emerging countries/groups.

Finally, J. Sinova remarks that he promoted a joint meeting with previous (Franca Albertini: JEMS 2012; Dimitris Niarchos: JEMS 2012) and future JEMS organizers (Roland Mathieu, Per Nordblad: JEMS 2019; Diana C. Leitao: JEMS 2020), together with Dino Fiorani and Tomas Jungwirth, in order to favor the transfer of experience and exchange of information in order to optimize the organization of the JEMS conference.

### 2) Updating of the organization of JEMS 2019 in Uppsala (Roland Mathieu)

Roland Matthieu presents an update of the organization of JEMS 2019, that will be held in Uppsala from 26 to 30 August (presentation in the web site).

He provides information on the Congress Center, the scientific program, the composition of the Program Committee and Symposium organizers. Some important dates were reported (e.g. abstract deadline: 10 April 2019), and the regular registration fee (6000sek) were reported. All information is available at <https://jems2019.se/>.

His presentation is followed by questions and discussion. Olivier Fruchart asks information on the conference program application. Mathieu replies that they are already in contact with a company to develop it. D. Fiorani suggests to make available to participants a program booklet with the essential information besides a phone-application, unlike in the present edition. The other members of the committee agree, also considering that use of the application alone is limited by the efficiency of the WiFi connection.

### 3) Presentation of bid for JEMS 2020 in Lisbon (Diana C. Leitao)

Diana C. Leitao presents the bid for JEMS 2020, to be held in Lisbon. The bid is the result of a common proposal from Universities and Research centers in Portugal (Aveiro, Porto e Braga). The conference will be held at the Lisbon congress center in the week from July 27. (presentation in the web site)

Abreu Events will take care of the organization. Sponsors will be the Portuguese Physical Society that will be in charge of prizes. Some members of the committee comment on the unusual period that may impact on holiday period in some countries. D.C. Leitao replies that in Portugal is holiday in August and there are no other possibilities. D. Fiorani comments on the budget pointing out that the congress center is quite expensive and suggests a reduction of the conference fee.

The scientific topics are presented and discussed. D. Fiorani notes that nanoparticles are absent. It is suggested to add them to the thin films topic together other nanostructured materials. Russel Cowburn comments on suggested topics for plenary session related to electrical motor and smart grids. Both are very important but they present a different approach with respect to the

tradition of JEMS conferences, not addressing industrial topics. Leitao replies that the activity of the industry needs to be presented to the community, like in other conferences (EMSA, Interomag).

#### 4) General Data Protection Regulations

O. Fruchart explains the new rules on data protection regulations. It is mandatory to have explicit consent to receive e-mails. However, we should be concerned by the maintenance of a relevant and large mailing list for the future. Ideally, we should request consent to be included in the mailing list of EMA participating to a magnetism event held in Europe, at the time of registration.

#### 4) Any other business

D. Fiorani announces that his term as President of JEMS is going to expire at the end of this conference. He says that he was honored to serve JEMS and acknowledges the support of all the IAC members, in particular that of Tomas Jungwirth as vice-president, and welcomes him as new President. The entire board expresses its gratitude to D. Fiorani for his work.

### ESM

O. Fruchart presents (*presentation in the web site*) the next magnetism schools for 2018 and 2019. ESM 2018: “Magnetism by light” (September 17-28, Krakov, chair Marek Przybylski) and ESM 2019 “Experimental techniques” (September 2-13, Brno, chair Michal Urbanek)”

### EMA

#### 1) Report (Dino Fiorani)

D. Fiorani presents the financial situation of EMA, showing the expenses in 2017 and 2018. The budget is positive, but since so far there were only expenditures (e.g. support to ESM organization, to participation of students to JEMS, taxes, accountant) and not revenues, he invites the committee to think about a possible association fee in the future. In the first GC meeting it was decided to not require a fee till to 2019. The committee will discuss on this point in the next meeting.

Travel grants given by EMA for promoting the participation of students to JEMS are positively viewed by the Committee. Burkard Hillebrands reports on how other associations act concerning young students’ awards (i.e. IUPAP, IEEE.), in particular with respect to age and gender. Some perplexities arise concerning gender, while there is a general agreement on young researcher awards.

D. Fiorani informs the GC that within the agreement with the CMD/EPS, EMA was involved (through his President) in the preparation of the scientific program, as far as magnetism is concerned, of the Joint EPS and DPG Condensed Matter Divisions, held in Berlin from March 11th through March 16th, 2018.

As far as the presence of magnetic materials and devices in the Horizon 2020 calls, D. Fiorani remarks that the effect of the coordinated strategy he tried to activate last years was unfortunately negligible. He points out that, however, this would be the only efficient strategy to

carry out, as European magnetism community, providing common inputs from the IAC/GC members to the national delegates of the specific calls.

D. Fiorani informs the GC that some roles were identified to specific EMA's actions. Contacts with IUPAP: B. Hillebrands; contacts with EPS: D. Fiorani; contacts with IEEE Magnetics Society: Manuel Vasquez (starting from 2019, when his term as President will expire); Publicity, web site, Newsletters: O. Fruchart (a role played since the beginning); contacts with companies: Oliver Gutfleisch, Dimitris Niarchos and Paulo Freitas. Contacts with IEEE Magnetics Society have been established. They will be formalized and a reference person will be selected for the role of contact with the IEEE Magnetics Society.

## 2) Proposals of new actions:

EMA vs Companies (Oliver Gutfleisch, Dimitris Niarchos, Paulo Freitas)

There is a discussion on the strategy for establishing links with companies. O. Gutfleisch asks for clarification on the specific objectives of EMA. He points out the need of having clear objectives for effective actions. B. Hillebrands reports on the activities coordinated by Paolo Bortolotti for the spintronics factory. O. Gutfleisch and D. Niarchos agree on the need of concerted actions. D. Niarchos remarks to be ready to activate himself asking for the collaboration other other GC members.

D. Fiorani reports on the experience of the Italian Magnetism Association, that organized a day workshop with round tables on different topics between researchers and companies. It is suggested to open JEMS to industries trough dedicated sessions in the program.

The secretary  
Paola Tiberto

  

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The President  
Dino Fiorani

