

European Research Community On Flow, Turbulence and Combustion

SCIENTIFIC COMMITTEE MEETING

13th May 2011, Gdansk, Poland

ATTENDANCE

Boguslawski, A.
Borhani, N.
Cambon, C.
Choi, K-S.
Drobniak, S.
Elsner, W.
Geurts, B.J.
Hamalainen, J.

Jakirlic, S.
Le Touze, D.
Nowakowski, A.
Rokicki, J.
Rodi, W.
Tomboulides, A.
Von Terzi, D.

APPOLOGIES

Anderson, H.
Braza, M.
Dick, E.
Gauger, N.
Hanifi, A.
Martelli, F.

Oliemans, R.
Redondo, J.
Thome, R.
Wallin, S.
van Steenhoven, A.

SUMMARY OF ITEMS ARISING FROM THE MEETING

- *The SPC voted to ask the EC to increase the annual budget for Workshops and Summer Schools by 10k Euros to 34k Euros.*

MINUTES

The meeting was opened by the SPC Chairman, Prof. Geurts, at 9:00.

1. Approval of the agenda

The agenda was approved.

2. Approval of minutes of the SPC meetings held in Lisbon on 12.10.2010

The minutes were approved.

3. Action items from the SPC meetings held in Lisbon on 12.10.2010

The action items were reviewed.

4. Special Interest Groups

i. Current status report

Prof. Geurts reported that SIG 5 '*Environmental fluid mechanics*' was being revitalised under the coordination of Vincenzo Armenio.

ii. SIG funding requests for 2012

Based on their submitted proposals, the SPC voted to recommend to the Executive Committee that the following SIGs should be funded up to 3000 Euros for 2012:

- SIG 12 *Dispersed turbulent two-phase flows*
- SIG 20 *Drag reduction and flow control*
- SIG 33 *Transition mechanisms, prediction and control*
- SIG 43 *Fibre suspension flows*

iii. Creation of new SIGs

The SPC approved the creation of two new SIGs:

- | | |
|--|--------------------------------|
| SIG 44 <i>Fundamentals and application of fractal turbulence</i> | Coordinator: Veronique Fortune |
| SIG 45 <i>Uncertainty quantification in industrial analysis and design</i> | Coordinator: Johan Meyers |

5. Pilot Centres

Prof. Gauger reported that the Germany North and Germany West Pilot Centres would be merging.

Prof. Geurts asked the SPC to think of ways of increasing the visibility of the PCs in the ERCOFTAC community. Possibilities to achieve this include: Creation of a concordat similar to that for the SIGs, the sponsorship of local PhD competitions at the PCs to feed the DaVinci Award, and encouraging all of the PCs to submit short annual reports to the ERCOFTAC Bulletin. Prof. Hamalainen asked if there was a mechanism to close inactive PCs. Prof. Geurts replied that this would be hard to achieve since at present ERCOFTAC membership occurs through the PCs.

6. Workshops and summer schools

i. EC-AERO support for ERCOFTAC Workshops and Summer Schools

The SPC commented that although some event sponsorship applicants had followed the EC-AERO procedures, the funds had not been released by the ADO. Prof. Geurts said that he would ask for clarification from Prof. Hirsch.

ii. Status of reports from previous events

Dr. Borhani reported that the ADO and the terms of the event funding agreement require that all event reports should be submitted within 6 months of its closing date. Funding approved for events that do not satisfy this requirement will be cancelled.

iii. Consideration of new proposals

After discussions, the SPC voted to recommend the following actions to the Executive Committee regarding sponsorship of future events:

- W2011-10** *'6th International SPHERIC SPH workshop'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 2000 Euros was awarded.
- W2011-11** *'4th Symposium on Hybrid RANS-LES methods'*
Application for use of the ERCOFTAC logo was approved.
- W2011-12** *'Instabilities and transition in 3-dimensional flows with rotation'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 2000 Euros was awarded.
- W2011-13** *'7th Workshop on Synthetic Turbulence Models'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 2000 Euros was awarded.
- W2011-14** *'Biomedical Flows at Low Reynolds Numbers'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 2000 Euros was awarded.
- W2011-15** *'VII International symposium on stratified flows'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 2000 Euros was awarded.
- W2011-16** *'Fundamental problems of turbulence'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 2000 Euros was awarded.
- W2011-17** *'ASTROFLU II'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 2000 Euros was awarded.
- S2011-02** *'Fluid-structure Interaction for biomedical applications'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 3000 Euros was awarded.
- S2012-01** *'New challenges in turbulence research II'*
Application for use of the ERCOFTAC logo was approved.
A scholarship of 3000 Euros was awarded.

After discussions:

* The SPC voted to ask the EC to increase the annual budget for Workshops and Summer Schools by 10k Euros to 34k Euros.

7. Status of ETMM9

Prof. Tomboulides reported that the location of ETMM9 had been changed from Mikonos to Thessaloniki, resulting in a small increase in fees. He added that a list of keynote speakers would be finalised shortly. He then asked that, since there were EUROMECH members on the advisory committee of ETMM9, would the event be eligible of funding from the EC-AERO programme. In response, Prof. Geurts urged him to clarify the matter with Prof. Hirsch.

8. ERCOFTAC 2011 DaVinci Award

Prof. Geurts will be contacting SIG and PC Coordinators to ask them for their 2010 DaVinci Award nominations and inform them of the procedures and deadlines. Prof. Rodi suggested that these procedures should also be advertised on the ERCOFTAC Website. He added that the jury composition should be spread evenly across Europe with a broad range of expertise. Prof. Geurts then expressed his wish for a diverse and pan-European range of submissions for the 2011 DaVinci Award.

9. Discussion of ERCOFTAC's relationship with the FTAC Journal

Prof. Rodi reported that the FTAC Journal's Editor-in-chief, Prof. Hanjalic, wished to review the Journal's relationship with ERCOFTAC. He added that Nathalie Jacobs from Springer would like to attend the next ERCOFTAC meeting in Darmstadt. Prof. Geurts asked if the SPC could or should promote the FTAC Journal to increase its visibility. Prof. Rodi replied that this should be the responsibility of Prof. Hanjalic since he was the Editor-in-chief.

Prof. Rodi commented on the need for additional or replacement editors for the FTAC Journal. Therefore, he asked the SPC to identify five suitable candidates for review by the Journal's Editorial Board.

Prof. Rodi reported that the FTAC Journal was performing well with an impact factor slightly higher than 1.0 and 150 online downloads per day. He added, that if Springer agreed, the FTAC Journal could be made freely available online for a limited time period to ERCOFTAC members. However, he also noted that the annual subscription price for ERCOFTAC members was already very low at 160 Euros.

10. Status of ERCOFTAC products and services

Prof. Rodi indicated that both he and Prof. Oliemans wished to eventually step down from their ERCOFTAC Book Series editorial duties. Prof. Geurts urged him to identify suitable younger candidates for this post, and provide them with suitable training during a transitional period.

11. Any other business

None.

12. Dates and location of the next SPC Committee Meeting

The next SPC Committee Meeting will be held in Darmstadt on the 11th October 2011.

The meeting was closed by the SPC Chairman, Prof. Geurts, at 12:30.

Navid Borhani
Lausanne, 2011.