

Minutes Extra Nucleus meeting “Working group Computers in Cardiology” May 17 & 18 in Barcelona

Present:

Céline Serio, Nico Bruining, Pim Dassen, Martin Höher, Marek Malik, Enno van der Velde, Guy Carrault, Goran Krstacic, Alberto Macerata, Niek van der Putten

Not present: Philippe Chevalier

1. No additional agenda points.
2. Feedback Council on Imaging
 - Achievements until now = participation in writing guidelines
 - 2 emails from the ESC:
 - i. Nico is now chair of the ESC DICOM committee
 - ii. ESC also wants to support IHE - Enno is willing to join the second project
3. Feedback ESC spring meeting: 2 symposia during annual ESC-meeting in Barcelona:
 - Heart Rate Turbulance: state-of-the-art-review
 - New developments in telecardiology
4. Joint meetings with other WG outside the annual ESC congress:
 - Euro-echo: Nico will write a summary
 - EuroPCR: Nico will write a summary
 - EuroPace: Enno will write a summary

Proposals for joint meetings are welcome (please send an email to Nico)
5. Membership in committees:
 - DICOM committee (on behalf of the ESC): Nico
 - IHE: Enno; also Martin wants to be active in this field
6. Alternatives for proposals of joint meetings with one other WG during annual ESC meeting:
 - Offer a full session with presentations.
 - Offer 2 joint sessions. Remember: WG CIC has two slots. Every joint session requires 0,5 slot. Two joint sessions require one slot of the WG CiC.

Action (Nico/Celine): request to Heart House for possibilities to finance invited speakers (at least the travel expenses).
7. Possibilities to apply/join European grants:

Project HEARTDRIVE (ICT call 4); status: waiting for approval of EEG

The ESC is requested to become a member of the advisory board and to be a project partner.

Action (Goran):

 - Mail a summary of this project to the ESC management
 - The ESC management must send the request to the topic related working groups.

New role of ESC: matchmaking and proposing people for projects of other countries.

7. Celine: ESC office for WG (since a few years)

- Provide administrative and organisation support
- Gives better view on financial support of WG
- Promotes the activities of the WG. Examples:
 - Special WG-logo
 - Special WG-URL
 - Special PPT-templates for WG
 - Special flyers
 - Newsletter
- Consensus documents: extra support. E.g.
 - How to get special agreements with editors
 - Simple and short proposal (next week more information is available)
 - Examples will be available on the coll. Site (sharepoint)

8. Visibility of our WG on the web

- Ideas for Reports/ education chapters and/or institution reports are welcome!
- NB will provide reports of the joint sessions being held during Eurocho and the EuroPCR
- MH suggested to explore the possibility to put on the website sessions not-to-be-missed for CIC members.

7. The relationship with CinC (the international society)

It seems obvious that the international group is solely orientated to organising the annual meetings and that they would probably not be the appropriate counterpart in preparing the consensus documents, although many members of the Society and in particular members of the Board should be engaged at a personal level. We agreed that the existence of the international CinC Society and of their meetings will be broadcasted to the members of our working group and that, likewise, the existence of our working group will be advertised to the participants of the CinC meetings and to the membership of the international Society. Pim promised to organise this through the mailing list. The following subjects were discussed:

- Name of the WG: conflicts with the international organization CinC?
- No, we need closer cooperation with CinC to reach the bio-engineers for joining the ESC:
 - Linking pin: chairman of WG in board CinC
 - Information about the WG in bag
 - Guided tour through the ESC-program on WG-web site (needed input of the nucleus members concerning their own specialties).
 - Overview lecture during CinC (high lights in technical terms)?
 - Slides on the WG web site
 - Newsletters: topics
 - Extend our web site with:
 - Joint symposia (Euro-echo etc.)
 - Image gallery
 - Information of projects and research
 - Information of persons and institutes

9. Possibility of producing consensus documents.

Marek has informed the Nucleus on the rather advanced possibility of producing a consensus documents on T wave alternans, co-supported by our working group, the International Society for Holter and Noninvasive Electrocardiology (ISHNE), and possibly by International Society of Computerised Electrocardiography (as proposed by Pim) as well as possibly by the European Cardiac Arrhythmia Society. Marek will brief the Nucleus at our meeting in September how far has this consensus manuscript advanced (probably not too much at that particular time yet) and what are the next steps necessary. We have also briefly discussed that because of the general interest in cardiac risk stratification, T wave alternans might be a suitable topic to be proposed as a symposium for the next ESC meeting in Stockholm.

Together with Alberto, we discussed the possibility of preparing another consensus document on heart rate variability and cardiac autonomic modulations in general. Again, this consensus would require a broader support outside of our working group, perhaps under the umbrella of the Societies that I have just mentioned in respect of the TWA consensus. Alberto and Marek agreed to initiate composition of a relevant study group so that the discussion on this consensus might get started. The initial step can be taken already in two weeks time during the ISHNE congress in Yokohama.

10. We have discussed the possibility of preparing another symposium on the translation of engineering findings into hospital practice and clinical medicine. A provisional title of "Computer to Bedside" was mentioned. We agreed that we would discuss this in more detail in September and perhaps develop it as a proposal for the Stockholm meeting.
11. At a substantial length we have discussed the problems of storage, review, and the database of high resolution images, having particularly in mind that the present interchange, archive and compression standards are out-of-date. It was agreed that it would be worthwhile to initiate a discussion along these lines with the goal of developing a "problem identification" or "awareness" manuscript since it seems to be too early to propose any sensible consensus on the topic. Niek, Nico and Martin will initiate this activity.
12. Since Pim is presently in the position of Vice-Chairman of the Working Group on a temporary basis (as agreed during our previous meeting in Munich), he will be stepping down in September and we agreed that the position of the Vice-Chairman will then be taken by Enno who will act as Vice-Chairman for 1 year, to become to the Chairman of the Working Group at the meeting in Stockholm. We have also discussed a long-term plan that when Enno becomes the Chairman of the Working Group, Marek might step into the position of Vice-Chairman. In relation to this, we have also discussed that Enno is presently the Treasurer and Web-Editor of the Working Group and that most likely, the position of a Treasurer cannot be combined with the position of Vice-Chairman. Goran has indicated that he is willing to take up the position of Secretary when that becomes available next year in Stockholm. However, we have not identified anybody to become the new Treasurer at this moment.
13. Celine informed us that we actually might have two new positions in the Nucleus and we agreed that these will be advertised using the standard ESC procedures. Celine was kind enough to promise that she will take care of this.
14. Alberto proposed a symposium provisionally entitled "The Cardiac Imaging Jungle". During the subsequent discussion, it was agreed that this possibility would be best organised as a Pro-Con debate and we asked Alberto to prepare the suggestion of such a debate for our meeting in September.

Alberto also proposed another symposium on air pollution and cardiovascular disease. We all felt that this is certainly an interesting topic that might attract reasonable attention among ESC congress participants. However, we also believed that the proposal cannot come from our working Group since the topic is too far from the concept of computers in cardiology and that coming from our group, the proposal had little chances of being accepted. We recommended to Alberto to try to organise this symposium as a suggestion coming from the epidemiology group (I am sorry that I forgot which ESC structure they now merged into) or to submit it as a personal proposal by a Fellow or groups of Fellows or the Society.



The members of the Nucleus of the Working Group Computers in Cardiology, with Celine Serio (ESC) in front.

Goran Krstacic is missing because he has taken the picture, Marek Malik is missing because he had to leave earlier.