

Minutes of the 13th Management Committee Meeting

COST Action IC1004 – Cooperative Communications for Green Smart Environments

Wednesday, May 6th, 2015 – Valencia, Spain

1. Welcome and opening formalities

The plenary of the 13th MC Meeting of COST Action IC1004 was chaired by Prof. Narcis Cardona, Chair of the Action, and local organizer, who opened the meeting at 9.10 am.

2. Adoption of the agenda

The [agenda](#) for the 13th MC meeting was adopted. The attendance list was circulated.

3. Approval of the Minutes of the last MCM

Approval of the last MC Meeting has been postponed to the last plenary session (Friday 7th, 2015).

4. Status of the Action

Prof. Cardona reported the status of the Action to the audience. Up to now, the Action is:

- composed by 30 signatories countries (Estonia signed MoU on Sept. 2014)
- represented by 56 MC Members (+ Chair)
- Number of registered experts so far: > 600
- Number of COST country entities (institutes, etc.) currently participating: 141
- Number of COST International Partner Countries: 6
- Number of non-COST entities (institutes, etc.) currently participating: 19 -
- Number of COST Near Neighbour Countries: 1

4.1 Status of the Action, NCIs

Current Non-COST Members

The current approved Non-COST Members (16 +4) are the following:

Australia	La Trobe University
Canada	The Communications Research Centre
China	Academy of Broadcasting Planning
China	Beijing University of Posts and Telecommunications, Wireless Technology Innovation Institute
China	Beijing Jiaotong University (BJTU)
China	Tongji University
Colombia	Universidad Icesi
Japan	Japan Advanced Institute of Science and Technology
Japan	National Institute of Information and Communications Technology
Japan	Tokyo Institute of Technology
Japan	NTT DOCOMO, INC.
USA	COMSEARCH
USA	Motorola Mobility US
USA	National Institute of Standards and Technology
Korea	Samsung Electronics Korea

4.2 Training activities

The 8th Training School on "From HetNets to Cloud Radio Access Networks" took place in Luxembourg (LU) on April 21-23, 2015. The school was organized by Lucio S. Ferreira, Symeon Chazinotas and Silvia Ruiz. An average of 26 people attended the event. Finally 9 grants have been assigned to PhD students and ESRs.

4.3 Short Term Scientific Missions (STSM)

14 application received (more than the budget, that was intended for 8-10 in the yar term).

- 10 Approved:
- 2 cancelled
- 2 rejected

To be highlighted is that the COST office agreed to move some budget from the Training school to STMS founds.

4.4 Liaisons

- On January 2015 an application from IC1004 to enter 5GPPP was accepted, but at the end a formal agreement with COST Office to reach an acceptable version of the MoU/contract was not possible.
- Liaison statements presented and approved at 3GPP RAN4 I. Szini, W.Kotterman, G.Pedersen, T. Jamsa (Dec 2014 /Jan 2015)
- OFCOM consultation on Spectrum above 6GHz for 5G Alain Moraud, Sana Salous, N.Cardona, + 14 contributors (February 2015)

4.5 Final Meeting and Workshop

The Chair thanked the Technical Program Committee for the organization of the Workshops held on May 5th, 2015 in Valencia
About 120 people attended the Workshops.

mmWave and new RAN architectures are two of the main pillars of the future 5G networks. IC1004 group ends up the Action with relevant results and ongoing activities in these two aspects. Two Special Issues in EURSIP JWCN have been convened; authors are welcome to submit a reviewed version of these papers to the Journal.

4.6 Progress Report

The Annual Progress Conferences of the ICT Domain no longer exists under Horizon2020, but the progress report is still mandatory.

WG Chairs are asked to report on the following topic:

- Results vs Objectives
- Impact, Dissemination
- Networking
- Any other relevant achievement of your WGs
- Joint activities

A template will be circulated. Contribution to be sent by the end of May 2015.

4.7. Report from Grant Holder responsible

The Grant Holder reported about the 4th Year Term budget. The MC members were reminded about the budget adjustment made during the 12th MC Meeting.

Furthermore the GH explained what has already been spent and the budget still available to reimburse the expenses for the present MC Meeting.

The following proposal of adjustment has been proposed to the MC Members by the GH:

- to increase the Local Organizer support up to 5.000 €
- to reimburse the WG Chairs in addition to MC Members, Delegates and Invited speakers
- to reimburse the Secretary travel expense to attend the 13th MC Meeting
- to reimburse additional presenters till budget allows (from Workshop to TD presenters). A list of eligible attendees among the Workshops and TD presenters will be created. People will be ranked based on their current age: from the youngest to the oldest. They will formally invited again as eligible for reimbursement and at the end they will be reimbursed till money are available.

The MC Members unanimously approved the above proposal.

The GH asked the MC members to finalize their reimbursement claim no later than May 15th, 2015. All payments related to MC members reimbursement will be processed by June 18th, 2015.

Additional budget

The Action has applied for a budget of 9.650 € in order to publish the Final Book, which has been already approved by the COST Office.

The Chair reported to the MC Members the offers received to publish the Book, in order to have their approval on the best offer received.

The MC members approved River's offer with the exception of one MC member (meaning one country).

5. Follow-up proposal

The Chair reported that the proposal for the next COST Action has been submitted (Acronym: IRACON), and thanked all those who actively contributed in writing it.

The expected approval date would be November 2015, and the possible starting date will be February 2016.

If not approved, there's a second call by December 2015. In the meantime activities, meetings, technical groups can still be organized in the framework of IC1004-IRACON Network.

Prof. Roberto Verdone explained the audience about EURACON Association.

EURACON is a no-profit association funded 4 years ago under the Belgium law. It was created to support communication and networking in the field of telecommunication by means of conferences, workshops, journals, and in general any activity dealing with education and training.

EURACON is managed by 6 founder members. Other members are ordinary members, student members, honorary members.

The governing board is the delegates assembly composed by the 6 founder members, plus up to 17 elected regional

There's a Board of directors composed by the 6 founders.

The EURACON working groups could be disciplinary (e.g. on OTA) or non disciplinary (currently: WG Journal, WG Workshops and panels, WG schools, WG Awards).

EURACON can serve the community of IC1004 by supporting networking, it can set up WGs and Sub WGs on any topic, can participate formally as a legal entity to fora, is available for acting as GH for the next COST Action.

To join EURACON, all information is on the website.

Prof. Verdone, together with Prof. Correia and Prof. Cardona invite the audience to consider EURACON as the next grant holder of the future COST Action.

6. Invited talks

The following invited talks have been presented:

- "Test and Trial Ireland – Exploiting Ireland's natural radio spectrum advantages" - Joe Lynch Test and Trial Ireland.
- "Future Evolution of Cellular Networks" - Dr. Holger Claussen, Department Head, Small Cells Research; Bell Labs, Alcatel Lucent Ireland.

7. Presentation and Discussion of Technical Documents

48 TD number requests were requested by the deadline, and 47 TDs have been finally submitted, and will be presented and discussed by the Working Groups during the meeting.

The list of TDs can be found here: [TD list 13thMCM](#)

The plenary resumed on

Friday, May 7th 2015, at 15.30

and was chaired by Prof. Narcis Cadona, Chair of the Action.

The Chair gave a presentation about the new COST Action proposal, which have been already submitted, called "Inclusive Radio Communication Network for 5G+".

The Chair provided also information about the last conference event of Newcom# - IC1004 that will take place in Barcelona on October 14-15, 2015. There will be a Workshop and a regular Meeting. Contribution are welcomed.

8. Approval of the Minutes of the last MCM

The minutes of the 12th MC Meeting were posted on the IC1004 website, under the section Official Documents. The minutes have been approved.

9. Final book

The Chair presented the current status of the final book. Future calendar as follows:

- By June 5th, 2015: Chapters 1-12 ready
- By June 10th, 2015: the book will be circulated for reviews by all authors
- By July 15th, 2015: Authors are requested to send comments to Editor
- By August 15th, 2015: Book ready to deliver to Publisher
- End of October 2015: Book published

10. Dissemination activities

NEWSLETTER

The last newsletter issue will include the following content:

- A description of IRACON concept
 - Some promotion of the book
 - The results of the Action will be highlighted
 - 4 TDs have been selected to be included in the newsletter
- IEEE PIMRC 2015, August 30th, 2015 – Hong Kong

11. Follow up meeting

A Joint Workshop with NEWCOM# will be organized in Barcelona on 14-15 October, 2015, by Carles Anton (CTTC).

The format will be as follows:

- 1) One day Joint Workshop
- 2) One day "regular" Technical meeting of IC1004/IRACON group

Information about it will circulate in the next months.

12. Reports from WG Chairs

The WG and SWG Chairs were asked to report about the activities:

Prof. Claude Oestges reported about the activities carried out within WG1 ([Minutes](#)) ([Attendance list](#))

Dr. Buon Kiong Lau reported about the activities carried out within SWG1.1 ([Minutes](#)) ([Attendance list](#))

Dr. Tommi Jämsä reported about the activities carried out within SWG1.2 (Minutes) ([Attendance list](#))

Prof. Alister Burr reported about the activities carried out within WG2 (Minutes) ([Attendance list](#))

Dr. Jan Sykora reported about the activities carried out within SWG2.1 (Minutes) ([Attendance list](#))

Prof. Silvia Ruiz reported about the activities carried out within WG3 (Minutes) ([Attendance list](#))

The TWG Chairs were asked to report about the activities:

Dr. Levent Ekiz reported about the activities carried out within TWG-V (Minutes) ([Attendance list](#)).

Dr. Raffaele D'Errico reported about the activities carried out within TWG-B ([Minutes](#)) ([Attendance list](#)).

Prof. Sana Salous reported about the activities carried out within TWG-U (Minutes) ([Attendance list](#)).

Dr. Klaus Witrisal reported about the activities carried out within TWG-I (Minutes) ([Attendance list](#)).

Prof. Wim Kotterman reported about the activities carried out within TWG-O ([Minutes](#)) ([Attendance list](#)).

The WG Chairs were asked to send their Minutes to the Action Chair by May 15th, 2015.

13. AoB

Nothing has been reported.

14. Close of Meeting

The Action Points to be performed after the end of the 13th MC and Scientific Meeting were reminded to the audience.

Prof. Narcis Cardona closed the meeting by thanking all MC members for having attended the Meeting and Workshops.