



## Cooperative Radio Communications for Green Smart Environments

3rd Management Committee &  
Technical Meeting  
Barcelona, 8-10 February 2012



*Prof. Narcis Cardona*  
*Univ. Politecnica Valencia*  
*iTEAM Research Institute*



1. Opening formalities
2. Invited talk
  - “Telecommunication and Smart Cities: Barcelona as example”  
by Mariano Lamarca, Barcelona Council
3. Adoption of the MCM Agenda
4. Approval of the Minutes of the last MCM
5. Status of the Action
6. Approval of Non-COST Institutions participation
7. Report on STSMs in course & Open Call
8. Report from Grant Holder responsible
9. Action Rules for Submission, Registration & Reimbursement
10. Report on TDL issues: Training School, Tutorials, Conferences, Workshop , Newsletter
11. Presentation and Discussion of Technical Documents

### 12. Lisaisons

- Presentation of Greenet (Christos Verikoukis)
- Cooperation with URSI-C (Sana Salous)
- CTIA Activities (Istvan Szini)
- COST IC905 (Fernando Velez)
- Other Reports from Liaison Rapporteurs

### 13. Report from WGs Chairs

### 14. Future MCMs and Workshops

### 15. New TDL Activities

- 2nd Training School, Tutorials, Others

### 16. AOB

### 17. Close of Meeting

ATTENDANCE LISTS:

Please sign the **THREE** attendance lists for the MCM (one per day)

**AND**

**ONE** attendance list for **EACH** WG/SWG/TWG you attend

## 4. Approval of the Minutes of the last MCM

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11. Presentation and Discussion of Technical Documents

Number of signatories countries: 28

Number of COST country entities (institutes, etc.) currently participating: 94

Number of non-COST countries: 7

Number of non-COST entities (institutes, etc.) currently participating: 9 (+2)

Number of MC Members: 51 (+ Chair)

Number of registered experts: > 230



The screenshot shows the homepage of the COST IC1004 website. The header includes the logo and the text "Cooperative Radio Communications for Green Smart Environments". A search bar is located at the top right. The main content area features a large graphic of a radio tower and a map of Europe. A sidebar on the left contains a navigation menu with items like "Home", "About IC1004", "Working Groups", "Status", "List of Institutions", "Meetings", "Official Documents", "Join IC1004", "Temporary Documents (TDs)", "Members' Area", "FTP Site", "Previous Actions", "Announcements", and "Contacts". A "News" section at the bottom left displays a recent article from September 28, 2011, titled "Tutorial by Prof. Tad Matsumoto". The footer contains the CNIT logo and the text "consorzio nazionale interuniversitario".

- Two **STSM** Calls launched
- Organisation of **Workshop**
- Organisation of **Training School**
- **Non-COST** institutions applications approved by MC/DC (Chair/Officer).  
Some new processed
- Participation to **Conferences**
- New **Liaisons**
- **Budget amendment** for first year term **reviewed, agreed by MC, & agreed by COST** (Chair/GH)  
→ [Point 8 of the Agenda](#)
- New Science Officer:  
**Dr. Ralph Stübner**,  
Science Officer for ICT  
[Ralph.Stuebner@cost.eu](mailto:Ralph.Stuebner@cost.eu)

### Approval procedure

- Non-COST Institution contacts MC Chair ([ncardona@iteam.upv.es](mailto:ncardona@iteam.upv.es))
- MC Chair initiates the NCI request in e-COST tool
- MC Chair ask the NCI applicant to fulfill the application form and to provide a formal motivation letter.
- The MC Chair completes the COST part of the application and submits it to the attention of the Science Officer (SO).
- After SO validation, the application **requires to be approved first by the Management Committee of the Action**
- Then the application is sent to the Domain Committee for its approval, and finally to the executive group of the Committee of Senior Officials (CSO)

- **15** NCIs contacted to join the Action
- **9** Applications are **APPROVED**
- **2** new are **COMPLETED**
- **(1)** reviewed by Science Officer

You have logged in as a **MC Chair**

**Approvals**

Participation to COST Actions

Request Edit Tools							Institutions
Status							9
#	ID	Type	Action	Country	Institution	Participation	
1	610	NCIR	IC1004	US	Motorola Mobility US	To schedule MC approval	
2	611	NCIR	IC1004	US	COMSEARCH	To schedule MC approval	
3	627	NCIR	IC1004	CN	Tongji University	To schedule MC approval	
4	653	NCIF	IC1004	JP	National Institute of Information and Communications Technology	To schedule MC approval	



### Approved:

- USA
  - ComSearch, Dr. Saul Torrico
  - Motorola Mobility, Dr. Paul Moller
- Japan
  - NICT; Dr. Kamyā Y. Yazdandoost
  - Tokio Institute of Technology; Prof. Jun-Ichi Takada
- China
  - Tongji University; Dr. Xuefeng Yin
- Colombia
  - Univ. ICESI, Dr. Andrés Navarro
- Canada
  - Communications Research Center (CRC), Dr. Robert Bultitude
- Australia ← Reciprocal agreement Country
  - La Trobe University., Dr. Naveen Chilamkurti
- Montenegro ← Near-COST Country
  - Univ. of Montenegro, Prof. Milica Pejanovic-Djurisic

When should we accept applications from NCIs?

COST rules: mutual benefit

Other criteria: scientific excellence (Universities)  
role in industrial context (Industries)  
technical topics and WGs addressed  
geographic balance

IC1004 criteria: **commitment to at least two TDs per year**

New applications approval could be completed by  
**electronic voting or at meeting**

### Applications in progress:

- China
  - Beijing University of Posts and Telecommunications (BUPT)
- Japan
  - Japan Advanced Institute of Science and Technology (JAIST)
- India
  - National Institute of Technology Jalandhar
- USA
  - National Institute of Standards & Technology
- Gambia
  - St.Thomas Institute of Professional Studies Banjul The Gambia

**Approval of the two completed applications ? : BUPT, JAIST**  
**(Votes from COST Countries)**

### 1st Call

- 3 STSMs approved and in course
  - Dr Geoffrey Hilton (U.Bristol,UK); Mr Nikola Gvozdenovic (VUT, Austria); Dr Zoran Utkovski (Stip,MK)
- Total budget expenditure **2290€**
- **Results to be presented by May** (during 4<sup>th</sup> Meeting)

### 2nd Call (open)

- 3 applications received so far, in review
- Remaining budget (until May31st): 5710€

### Procedure

applicant fulfill form at eCOST tool:

<https://e-services.cost.eu/stsm>

and sends it to Chairman and Host Institution  
by (6 weeks prior to the STSM start)

### Evaluation

- Applications will be evaluated by Evaluation Panel including at least three among WGs Chairs.

### Guidelines @ [www.cost.eu](http://www.cost.eu)

**Recommended:** prioritise using labs, host facilities, expected outcome to IC1004, relationship with WGs objectives,.....

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### Grant – Assigned at KO

**First Year term** (June 1<sup>st</sup> 2011 - May 31 , 2012)

Type of expenditure		Budget
1. Travel costs for meetings		
2. Workshop Supports		
3. STSMs		
4. Training schools &Tutorials		
5. Dissemination/ Publicat.s		
6. Others		
Secretariat - 15% of sum(1:6)		<b>10.682 €</b>
<b>TOTAL</b>		<b>81.900 €</b>

### Grant – Agreed Before Lisbon

**First Year term** (June 1<sup>st</sup> 2011 - May 31 , 2012)

Type of expenditure		Budget
1. Travel costs for meetings		<b>83.000 €</b>
2. Workshop Supports*		
3. STSMs		<b>10.000 €</b>
4. Training schools &Tutorials		<b>20.000 €</b>
5. Dissemination/ Publicat.s		<b>3.000 €</b>
6. Others		<b>500 €</b>
Secretariat - 15% of sum(1:6)		<b>17.200 €</b>
<b>TOTAL</b>		<b>133.700 €</b>



### Grant – Spent at January 15, 2012

**First Year term** (June 1<sup>st</sup> 2011 - May 31 , 2012)

Type of expenditure	Spent	Budget
1. Travel costs for meetings	<b>40.017 €</b>	<b>83.000 €</b>
2. Workshop Supports		
3. STSMs		<b>10.000 €</b>
4. Training schools &Tutorials		<b>20.000 €</b>
5. Dissemination/ Publicat.s		<b>3.000 €</b>
6. Others	<b>270 €</b>	<b>500 €</b>
Secretariat - 15% of sum(1:6)	<b>6.043 €</b>	<b>17.200 €</b>
<b>TOTAL</b>	<b>46.331 €</b>	<b>133.700 €</b>

**81.900 – 46.331 = 35.569 EUR so far**

## Grant – Interim Financial Report

Table 1 - Eligible costs

	Contract Budget EUR a	Actuals EUR b	Accruals EUR c	Total eligible EUR d=b+c	Forecast EUR e	Total EUR f=d+e	Delta EUR g=f-a
<b>A. Science Expenditure</b>							
A1. Total Meetings (*)	59,000.00	36,742.04	3,275.78	40,017.82	53,600.00	93,617.82	34,617.82
A2. Total STSMs (*)	5,000.00	0.00	0.00	0.00	9,490.00	9,490.00	4,490.00
A3. Total Training Schools (*)	5,000.00	0.00	0.00	0.00	18,400.00	18,400.00	13,400.00
A4. Total Dissemination, publications (*)	1,800.00	0.00	0.00	0.00	3,000.00	3,000.00	1,200.00
A5. Total OERSA(**) (*)	417.50	91.35	178.90	270.25	229.10	499.35	81.85
<b>Total Science Expenditure (sum: A1 to A5)</b>	<b>71,217.50</b>	<b>36,833.39</b>	<b>3,454.68</b>	<b>40,288.07</b>	<b>84,719.10</b>	<b>125,007.17</b>	<b>53,789.67</b>
<b>B. FSAC (Max. 15% of A) (***)</b>	<b>10,682.50</b>	<b>5,524.94</b>	<b>518.20</b>	<b>6,043.14</b>	<b>4,639.36</b>	<b>10,682.50</b>	<b>0.00</b>
<b>C. Total Eligible Costs (= A+B)</b>	<b>81,900.00</b>	<b>42,358.33</b>	<b>3,972.88</b>	<b>46,331.21</b>	<b>89,358.46</b>	<b>135,689.67</b>	<b>53,789.67</b>
						<b>Request for Payment</b>	<b>82,454.67</b>

- (\*) For the final financial report - Detail to be provided  
 (\*\*) OERSA: Other Expenses Related to Scientific Activities  
 (\*\*\*) FSAC: Financial and Scientific Administration and Coordination  
 (a) Budget according to workplan  
 (b) Actuals: Expenses paid during the period  
 (c) Accruals: Expenses incurred during the reporting period but still to be paid  
 (e) Forecast: Expected Expenses in the following reporting period of the grant

Breakdown of Activities for Financial and Scientific Administration and Coordination (FSAC):

- Scientific administration and coordination  [X]  
 Planning and coordination  [X]  
 Publication and dissemination  [ ]

*this is not correct.  
 the FSAC amount will be  
 updated on receipt and  
 finalization of the amendment  
 to the Grant Agreement*

Aranzazu SANCHEZ  
 20/01/2012

*Aranzazu*

### Travel and Reimbursement issues

Reimbursements for this MCM:

40 (MC or official substitutes) entitled

- Please give the secretary your original signed reimbursement form **during the meeting**
- Send travel copies in PDF format no later than **Febr 21<sup>st</sup> , 2012**

IC1004 follows the rules of COST as in the Vademecum provided by COST Office ([www.cost.eu](http://www.cost.eu))

Nevertheless, due to the Action size, some **internal rules** have been approved in order to properly organise meetings and activities:

### 1. Registration / De-registration:

“Any registered institution has access to the Member’s Area of the IC1004 Web site. Institutions not contributing with at least one TD per year period (two TDs per year period in the case of non-COST) are denied access from Member’s Area. If still interested, they can present a TD to any coming meeting and get re-registered”. (**Approved at 2<sup>nd</sup> MCM**)

### 2. Reimbursement of travel costs:

MC members have the right to be reimbursed for their travel costs when attending an MC meeting. Reimbursing substitutes members and other experts is possible, as written in COST vademecum ([www.cost.eu](http://www.cost.eu))

To entitle MC members and experts for reimbursement of every meeting, IC1004 approved a **priority list**, to be managed in terms of the amount of the budget availability:

- Up to two representatives per COST Country will be entitled for reimbursement, plus the Action Chair and Secretary, according to the following priority list:

### 2. Reimbursement of travel costs:

- Up to two representatives per COST Country will be entitled for reimbursement, plus the Action Chair and Secretary, according to the following priority list:
  1. *All **MC members** who apply*
  2. ***MC official substitutes or those formally nominated by the National Coordinator as substitutes for a particular meeting***
  3. *while **budget available** and if not MC members: TDL Manager, TWG Coordinator, Disciplinary Working Groups Chairs, Topical Working Group Chairs and SubWorking Group Chairs*
  4. *while **budget available**, non-MC members who present a TD to the meeting, when replacing an MC member (a formal nomination from the MC member is required prior to the meeting)*
  5. *while **budget available**, other experts, one per country.*

→ (Approved at 2nd MCM, 19 October 2011)

### 2. Reimbursement of travel costs:

- In addition, and due to the scarce budget and the high number of delegates, a Reimbursement **Flat Rate** for hotel costs of **90€** per night was agreed for this meeting  
→ (Agreed by MC off-line, 13 Dec 2011)

### 3. MC Substitutions

- ...the substitutions of MC members to a meeting which require National Coordinator nomination, have to be received by IC1004 Secretary at least 2 weeks prior to the meeting start date.

(Approved at 2<sup>nd</sup> MCM)

→ Proposal: extend this rule to any substitution:

"The substitutions of MC members to a meeting ~~which require National Coordinator nomination~~, have to be received by IC1004 Secretary at least 2 weeks prior to the meeting start date.



Not written rules:

- **Anticipate your travel plans.**  
Avoid late bookings
- **Respect the deadlines**  
for registration to meetings and submission of TDs

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- Training School(s):

First IC1004 Training School:

***“Vehicular Connectivity”***

Venue: FTW Telecommunications Research Center Vienna

Dates: May 21-23, 2012.

Fee: 150-200 €

Organiser: Christoph Mecklenbraeuer (cfm@nt.tuwien.ac.at)

Registration: <http://www.ftw.at/events/>

### **IC1004 support:**

- 6k€ for Granting ESRs from COST IC1004 participant Institutions
- Send application by March 31st

### First IC1004 Training School:

#### ***“Vehicular Connectivity”***

##### General Outline:

- Introduction to wireless propagation;
- Information theory background: Multi-user communications, rate-reliability trade-off, and delay-constrained capacity.
- Vehicular channel characterisation from measurements
- Models for vehicular channels
- Vehicular on-board antennas and RF architecture
- Physical layer design: OFDM and Forward Error Correction
- Multiple access: CSMA/CA and STDMA, MAC layer design
- IEEE 802.11p performance simulation
- IEEE 802.11p performance measurements
- Intelligent Transport System: architecture aspects

### First IC1004 Training School:

#### ***“Vehicular Connectivity”***

- Speakers:

Laura Bernadó (FTW, Austria);

Oliver Klemp (BMW Research and Technology, Germany) ;

Christoph Mecklenbräuer (Vienna University of Technology, Austria);

Claude Oestges (Université catholique de Louvain, Belgium);

Alexander Paier (Kapsch TrafficCom, Austria):

Veronika Shivaldova (Vienna University of Technology, Austria);

Erik Ström (Chalmers University of Technology, Sweden);

Thomas Zemen (FTW, Austria)

- Training School(s):

WiserBAN – COST IC1004 Training School on

### **“Wireless Body Area Networks”**

Venue: Università di Bologna, Giorgio Prodi Lecture Hall

Dates: June 4 - 6, 2012

Fee: 250€

Organisers: C.Buratti (WiserBAN), R.Verdone (IC1004), ...

- Registration: by May 21<sup>st</sup> via email at [secretary@ic1004.org](mailto:secretary@ic1004.org)

### Second IC1004 Training School (proposal):

#### ***“PROPAGATION MEASUREMENT, MODELING, AND OTA-EMULATION”***

- Venue: Ilmenau (TU-Ilmenau and Fraunhofer IIS facilities)
- Dates: Oct or Nov 2012
- Organiser: Wim Kotterman (TU Ilmenau)
- Duration: 3 days, 25 units (6 for practical issues)
- Attendees: 15 - 20 students
- Topics:
  - Multidimensional channel sounding
  - Measuring and evaluating mobile systems
  - UWB Systems
  - Millimeter wave systems
  - OTA and emulation
- **IC1004 support**: Same as for 1st TS

- **Tutorials:**

1st. 18-Oct-2011; Prof. Tad Matsumoto, IEEE VTS  
Distinguished lecturer “Iterative Processing for  
Cooperative Communications Allowing Intra-Link Errors”

2nd. 7-Feb-2012; Dr. Misha Dohler, Dr. Jesus Alonso, CTTC

**“M2M in Smart Grid and Smart Cities: Technologies,  
Standards and Applications”**

**40 Attendees**

Some offers received, ...not fitting with IC1004 calendar

New Proposals? for Lyon (May) or Bristol (Sept)?

Meeting Action Point for WGs & coming Local Organisers



### March:

- IC1004 special sessions at EuCAP, on "Joint antenna-channel issues in Body Area Networks" and "Novel methods in radio channel modelling for smart environments", Prague (Czech R.) 26-30 March, <http://www.eucap2012.org/>

### April:

- Special session at European Wireless on "Wireless Body Area Networks", 18-20 April, Poznan (PL)

### June:

- Participation to ICC, at Special sessions on "Cognitive and Cooperation for Green Networking" (in coop. with C2POWER), and "Cooperative and Cognitive Mobile Networks (in coop. With COcONET); Ottawa (Canada) 10-15 June  
<http://www.ieee-icc.org/>

### July:

- IC1004 Special Session (Workshop) on "Cooperative Radio Communications" at Future Network & Mobile Summit 2012, Berlin (Germany) 4 - 6 July ;  
<http://www.futurenetworksummit.eu/2012/>

### September:

- IC1004 Special Sessions at IEEE ComSoc CAMAD 2012, Barcelona (Spain) 17-19 Sept; <http://camad2012.av.it.pt/>

### October:

- IC1004 Special Session to URSI-ISSSE'2012 Conference, Potsdam (Germany) 3 - 6 Oct; <http://www.issse2012.org/>

### November:

- IC1004 Special session on "Body Environment Communications" to CEMA'12 Conference, Athens (Greece) 8 -10 Nov  
<http://tu-sofia.bg/ENG/fktt/cema12>
- +About 20 conferences/courses/events with COST participants involved in organisation; announced at ([www.ic1004.org](http://www.ic1004.org))

### **“SMALL CELLS COOPERATIVE COMMUNICATIONS”**

Joint with iPLAN FP7 project

<http://ic1004-iplan-2012.conf.citi-lab.fr/>

Paper submission: 27 February 2012

Acceptance: 30 March 2012

Camera-ready: 18 April 2012

Workshop: 2 May 2012

Negotiating a Special Issue @

**EURASIP Journal on Wireless  
Communications and Networking**

- There is a total of **72** TDs to be presented at this MCM.
- **74** TD numbers were requested by the deadline
- **1** TDs (03070) only for WG discussion
- **1** TD (03007) withdrawn
- **+1** Keynote speaker:
  - Mr. Mariano Lamarca, Barcelona Council, “Telecommunication and Smart Cities: Barcelona as example”

**TDs  
allocation  
to WGs**

WG 1	<b>14,15,19,20,22,23,28,52,53,59,59</b>	(11)
WG 2	<b>18,21,37,46,61</b>	(5)
WG 3	<b>3,12,13,16,24,36,38,40,45,49</b>	(10)
WGs 1+2	<b>17,25</b>	(2)
WGs 1+3	-	(0)
WGs 2+3	-	(0)
WGs 1+2+3	<b>8,55,67,68</b>	(4)
SWG 1.1	<b>29,34,41,50,51,54,65,71</b>	(8)
SWG 2.1	<b>26,47,48,62,72,73,74</b>	(7)
TWG B	<b>5,9,10,31,33,39,60,63</b>	(8)
TWG V	<b>6,27</b>	(2)
TWG U	<b>2,11,30,32</b>	(4)
TWG i	<b>1,4,35,42,56,66</b>	(6)
TWG O	<b>43,44,58,64,69</b>	(5)

## WGs sessions Schedule

	Wednesday	TD#		Thursday	TD#		Friday	TD#	Room
9:00-10:30	PLENARY	Opening		1 / I	28, 59 / 4,42				EETAC001
		Invited Speaker		2.1	72, 73, 74, DISC		B	33, 31, 63 DISC	EETAC 023G
				1.1	41,50,51,71		O	69,58+DISC	EETAC 024G
							V	6,27,DISC	EETAC 025V
11:00-13:00	Plenary			1	23, 53, 57, DISC				EETAC001
				3	12,24,45,49,16		U	30,32, 36, DISC	EETAC023G
				2.1	26, 47, 48, 62		1.1	29,34,54,65	EETAC 024G
			TD#8						EETAC 025V
14:30-16:00	1+2+3	55,67,68		1+2 / 1	17, 25 / 14,15		PLENARY		EETAC001
				U+3 (Femto)	13,11,DISC				EETAC 023G
				/ 2+DISC	46				EETAC 024G
									EETAC 025V
16:30-18:00	1	19, 20, 22, 52		I	1,56,66,35				EETAC001
	3 (LTE)	3,38,40, 2		O	43,44,64				EETAC 0023G
	2	18, 21, 37, 61		B	5,9,10,60,39				EETAC 024G
									EETAC 025V

19:00 on Thursday: Bus  
departs to Social Event

## **For Working Groups discussions:**

- Tutorials offers for coming meetings
- Joint Activities
- Reference models, scenarios, ...
- Short Term Scientific Missions among participants institutions
- Ideas to foster the dissemination of the Action

**MC Plenary continues on Friday after lunch**

## Plenary session Resume

**Attendance lists from WGs/SWGs/SIGs:**

**Did you sign the general attendance list for the three days?**

**No signature, no reimbursement...**



### Liaisons:

- Christos Verikoukis (ES), Greenet
- Sana Salous, (UK) Vice-Chair of URSI C
- Istvan Szini (USA), CTIA, 3GPP
- Fernando Velez (PT) IC905
- Haibin Zhang, (NL) GreenTouch
- Luis Correia, (PT) FP7 Earth
- Mark Beach, (UK) Mobile VCE
- ...

Rapporteurs are kindly asked to report at plenaries and to send a short written report.

Please send to secretary reports by February 28th

## 13. Reports from WG Chairs

- Disciplinary Working Groups:
  - WG1: Claude Oestges, U.C.L. (BE)
    - SWG1.1: Vincent Lau (SE)
  - WG2: Alister Burr, U.York (UK)
    - SWG2.1: Jan Sykora (CZ)
  - WG3: Silvia Ruiz, U.P.C. (ES)
- Topical Working Groups Coordinator:
  - TWGC: Alain Sibille, Telecom ParisTech (FR)

## 13. Reports from WG Chairs

- Vehicular Environment, TWG-V  
Alexander Paier (AT), Erik Strom (SE)
- Body Environment, TWG-B  
Raffaele D'Errico (FR), Kamyaz Yazdandoost (JP)
- Urban Environment, TWG-U  
Thomas Jansen (DE), Sana Salous (UK)
- Indoor Environment, TWG-I  
Pawel Kulakowski (PL), Katsuyuki Haneda (FI)
- OTA Testing, TGW-O  
Gert Pedersen (DK), Wim Kotterman (DE)

### Approved:

- 4th MCM & Workshop 2-4 May 2012,
  - Lyon (FR), Jean-Marie Gorce, Guillaume Villemaud
- 5th MCM, 24-26 Sept 2012,
  - Bristol (UK), Mark Beach & Alister Burr
- 8th MCM, 25-27 Sept 2013,
  - Ghent (Be), Wout Joseph

### Offers:

- **7th MCM: (May 2013)**
  - **TU Ilmeanu, Germany, Reiner Thomae**

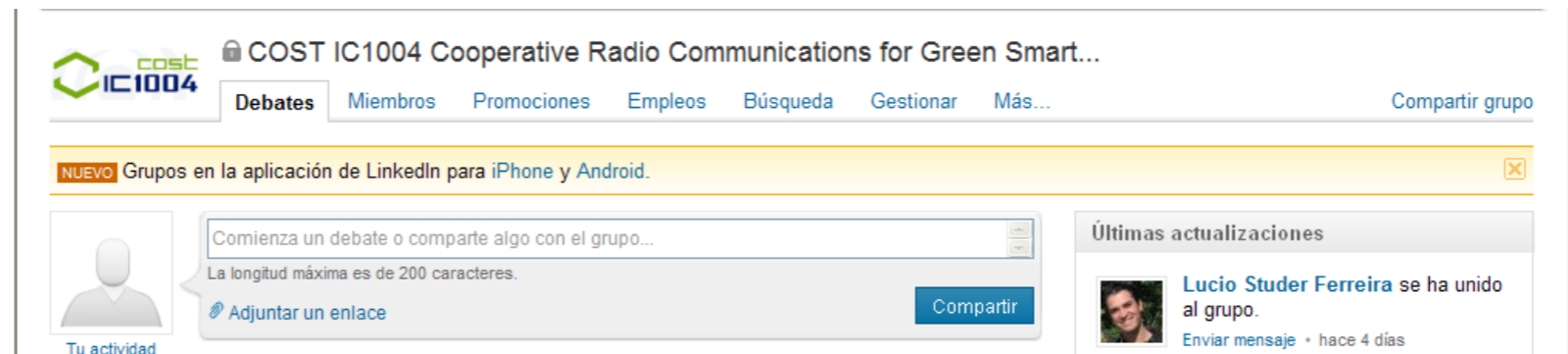
- Other offers:
  - Aalborg (Gert Pedersen), Spring 2013 or 2014
  - Malaga (Raquel Barco)
  - Dublin (Connor Brennan)
  - ...Others?...
  
- Possible Joint Workshop in 2013 with COST (VISTA)

## Newsletter

- Editor: Prof. Alain Sibille

## IC1004 LinkedIn Group

- Objectives are both to be visible worldwide and be a tool for internal discussions. How many are frequent users?



New IEEE section liaison or cooperation offered  
Jinsong Wu, Chair, TSCGCC, IEEE Communications  
Society; PhD, IEEE Senior Member  
Research Scientist at Bell Laboratories Shanghai, China

Special issue at:

[http://www.mdpi.com/journal/sensors/special\\_issues/healthcare\\_pervasive\\_applications/](http://www.mdpi.com/journal/sensors/special_issues/healthcare_pervasive_applications/)

Contact: Christos Verikoukis (cveri@cttc.es)

- IPRs.

COST is not retaining any IPR related to TDs, no conflict with publishing in conferences/journals

- Mailing

- [global@ic1004.org](mailto:global@ic1004.org) is a **moderated** reflector. Don't use for announcements. Ask Silvia ( [secretary@ic1004.org](mailto:secretary@ic1004.org) ) to include your announcement at Web Page or to distribute it.

- Include [IC1004] in the emails title.

- WGs reflectors: all WGs have their own reflector

- Description of WGs Activities for the Web Page

→ 5-10 lines from WG Chairs are welcome



## 17. Close of Meeting

Action Points after 3rd MCM:

AP	WHAT	WHO	WHOM	WHEN
3.1	Send reimbursement requests	Those entitled to	secretary	21-Feb
3.2	Send Minutes of Group Meetings	Group Chairs	Chair	28-Feb
3.3	Liaisons: send reports	Rapporteurs	secretary	28-Feb
3.4	Send STSM Applic.	Those interested	eCOST +Chair	Open
3.5	Tutorials: proposals	All	Chair	Anytime

## 17. Close of Meeting

Action Points after 2nd MCM:

AP	WHAT	WHO	WHOM	WHEN
3.6	Register to 4th MCM	attendees	website	9-Apr
3.7	Request TD number	authors	website	16-Apr
3.8	Entitle substitutions	MC	secretary	16-Apr
3.9	Submit TD	authors	website	23-Apr
	Book for Lyon meeting	attendees	-	Early



Cooperative Radio Communications for Green Smart Environments

THANK YOU

See you in Lyon, May.2-4, 2012

