
Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Minutes of IEEE 802.16 Session #74	
Date Submitted	30 August 2011	
Source	Erik Colban Huawei	Voice: +1-858-775-2494 ecolban@huawei.com
Abstract	IEEE 802.16 Session #74 Minutes (San Francisco)	
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #74. For approval at Session #75	
Release	The contributor is familiar with the IEEE-SA Copyright Policy < http://standards.ieee.org/IPR/copyrightpolicy.html >.	
Patent Policy and Procedures	The contributor is familiar with the IEEE-SA Patent Policy and Procedures: < http://standards.ieee.org/guides/bylaws/sect6-7.html#6 > and < http://standards.ieee.org/guides/opman/sect6.html#6.3 >. Further information is located at < http://standards.ieee.org/board/pat/pat-material.html > and < http://standards.ieee.org/board/pat >.	

Minutes of IEEE 802.16 Session #74

*IEEE 802.16 Working Group
San Francisco, CA, USA
July 18—21, 2011*

IEEE 802.16 Session #74 Opening Plenary Meeting

Monday July 14, 2011, 13:47 – 15:38 hours.

Opening

The Working Group (WG) meeting was called to order by Dr. Roger Marks at 13:47 hours local time. He welcomed the attendees to Session #74 of the IEEE 802.16 WG. Roger provided the URL for the server containing the welcome page, links to the upload facilities, attendance, agenda, etc. Roger explained the web site and the WirelessMAN Interactive Calendar.

Roger introduced himself as Chair of the Working Group (WG). Roger is affiliated with Consensii LLC. Vice Chair Rakesh Taori, affiliated with Samsung, and Secretary Erik Colban, affiliated with Huawei, introduced themselves. Treasurer Scott Migaldi was introduced in absence. Roger said that Scott would like to be relieved from his responsibility as treasurer, and asked for volunteers to contact Roger. The Chair provided information related to logistics and meeting registration.

Membership and Voting

The chair described types of Membership in the WG as well as the rights and obligations of Membership in the WG (<http://ieee802.org/16/membership.html>). At the beginning of the Session there were 186 Members (<<http://ieee802.org/16/members.html>>) of the WG. Potential Members (<http://ieee802.org/16/members_pot.html>), Members in Peril (<http://ieee802.org/16/members_peril.html>) and Observers (<<http://ieee802.org/16/observers.html>>) were also noted. Members of the WG, as well as Potential Members (who became Members upon attendance), were advised to verify that a Voting Token was printed on their registration badge.

Attendance

The attendees were informed that acquiring and retaining Membership in the WG depends on logging attendance correctly in the IEEE Automated Meeting Attendance Tool (“IMAT”). The WG chair demonstrated the method of registering in the IMAT system. The attendance software's “Affiliation” field is the appropriate Affiliation per IEEE-SA affiliation disclosure requirements (reference <<http://standards.ieee.org/faqs/affiliationFAQ.html>>) and will be reported as such. The chair explained that entering “IEEE” or “WG802.16” as affiliation is invalid and no participation credit will be given in that case. Attendees were advised that they must record at least 24 of the 32 possible credit hours in the IMAT attendance system in order to ensure “Participation” status for Session #72 of IEEE 802.16 WG. The Chair noted that attendance credit will be granted to 802.16 Members for participation in IEEE 802.18, 802.19, 802.21 and 802.23.

Approvals

The WG chair reviewed the agenda (reference <http://wirelessman.org/docs/11/80216-11_0020r2.pdf>) and asked for comments or concerns. Brian Kiernan commented on several incorrect times listed in the agenda. The chair said he would issue a correction.

Motion (13:58 h): *“To approve the agenda.”*

Moved by Brian Kiernan; seconded by Tim Godfrey.

Motion approved by unanimous consent.

The WG chair asked if there were any comments on the minutes of the previous session. None were received.

Motion (13:53 h): *“To approve the Minutes of Session #73 ([IEEE 802.16-11/0017r1](http://ieee802.16-11/0017r1)).”*

Moved by Lei Wang, seconded by Dan Gal.

Motion approved by unanimous consent.

Working Group Reports and Issues

The WG chair displayed the Chair's Opening Plenary Presentation Slides, [IEEE 802.16-11/0019r1](#).

The WG chair presented the patent policy materials (reference <<http://standards.ieee.org/board/pat/pat-slideset.pdf>>) The chair instructed the secretary to record in the minutes that slides 0-4 were shown, that an opportunity was given to the attendants to respond, and that no response was provided.

The chair then continued presenting the rest of IEEE 802.16-11/0019r1. He reminded the group that Letters of Assurance (LoA) are available at the IEEE-SA web site. A database of LoAs related to IEEE 802.16 is available at <http://standards.ieee.org/db/patents/pat802_16.html>. The chair instructed the Task Group chairs to repeat the patent policy rules in their groups per the details provided. Copyright information is available at <<http://ieee802.org/16/ipr/copyrights>>.

The Chair reminded the group that submissions which violate procedures will not be accepted <<http://WirelessMAN.org/submit.html>>.

The chair discussed the IEEE 802 Rules documents, including Policies and Procedures, the Operations Manual and also the Working Group P&P <<http://ieee802.org/devdocs.shtml>>. He explained the role and responsibilities of the WG chair and explained the issue of WG Domination.

The chair presented the IEEE 802.16 Report to LMSC of 18 July 2011 in document [IEEE 802.16-11/0018](#).

The chair presented the document guide at < <http://ieee802.org/16/meetings/mtg74/docs.html>>.

The chair reviewed the week's schedule; see <<http://dot16.org/cal/week.php?getdate=20110718>>. He mentioned the PARs under consideration and invited the members to review the PARs listed under <<http://www.ieee802.org/PARs.shtml>> and provide comments and questions to him.

GRIDMAN TG Report:

GRIDMAN TG Chair Tim Godfrey presented [IEEE 802.16n-11/0012r1](#).

M2M TG Report:

In the absence of M2M TG Chair Ron Murias, Brian Kiernan presented [IEEE 802.16p-11/0017](#). He mentioned that the agenda is in document [IEEE 802.16p-11/0019](#). He informed the group that Ron was expected to arrive by Tuesday morning.

Maintenance TG Report:

Maintenance TG Chair Yan-Xiu Zheng presented document [IEEE 802.16maint-11/0016r2](#). Rakesh Taori asked about liaisons received from WiMAX Forum. Yan-Xiu replied that those would be discussed on Tuesday. Rakesh also suggested some smaller changes in the schedule.

Project Planning Committee Report:

PPC Chair Rakesh Taori provided a verbal update. No activities were planned for the week. He mentioned that he was expecting a contribution from WiMAX Forum TWG Vice-Chair Vladimir Yanover.

ITU-R Liaison Group Report:

ITU-R Liaison Group Chair Takashi Shono presented [IEEE L802.16-11/0037r1](#).

Motion (15:00) *“To authorize the ITU-R Liaison Group to draft documents regarding contributions as needed, tentatively approve them on behalf of the WG (subject to confirmation at the 802.16 Closing Plenary), submit them for 802.18 TAG review, and represent the WG with the 802.18 TAG.”*

Moved by: Takashi Shono

Seconded by: Yan-Xiu Zheng

Discussion: There was some discussion on the response letter to WP 5A on M2M. Rakesh Taori suggested that the WG not rush with a response, since the deadline is November. Brian Kiernan said he wanted the group to take advantage of the extra time. Roger Marks suggested that we could harmonize with 802.18 WG in September through a conference call.

No objection. The motion was approved by unanimous consent.

JTC1 SC6 WG1 report:

Lei Wang presented ISO/IEC JTC1/SC6/WG1 2011-06 San Diego Meeting Report in document [IEEE L802.16-11/0036r1](#).

Bruce Kraemer thanked Lei and 802.16 WG for taking the action. Roger said that Lei had been an outstanding representative the WG at the San Diego meeting and that he hoped she could play a similar role in the future. Dan Gal questioned the purpose of participating at these meetings, Roger responded by saying that the main issue is to ensure that no decision or statement is made that could have adverse impact on the 802.16 standard without ensuring that ISO/IEC is aware of the concerns.

While Lei was on the floor, the chair questioned her on whether she had brought the WirelessMAN flag to San Francisco. She admitted that she had not brought it. Following this incident, the chair officially appointed her “Custodian of the WirelessMAN Colors” and instructed the secretary to make note of this in the minutes.

Schedule for the week:

The chair suggested moving the Maintenance TG meeting on Tuesday afternoon to a larger room. There were no other comments on the schedule.

Future sessions:

During his update on future sessions, the chair mentioned in particular:

1. Buzz Rigsbee had informed him that the Hilton in Waikoloa was offering favorable rates. A straw poll showed 14-to-1 in favor of having a future interim session at the Waikoloa Hilton. Five were in favor of having the May session there, 15 were in favor of having the September session there.

AOB: None

Motion (15:38): *“To adjourn.”*

Moved by Phil Barber; seconded by Dan Gal.

Motion passed by unanimous consent.

IEEE 802.16 Session #74 Closing Plenary Meeting

Thursday, July 21, 2011, 19:37 – 20:50 hours

Opening

The chair called the meeting to order at 19:37 local time. The chair reminded the attendees of the patent policy and asked if anyone needed a review of the details. No request was made, and the meeting proceeded. He welcomed the attendees and reviewed the draft Closing Plenary agenda (reference < <http://wirelessman.org/meetings/mtg74/closing.pdf> >).

Motion (19:41): *“To approve the agenda.”*

Moved by Ron Murias; seconded by Tim Godfrey.

The motion passed with no objections.

The Chair mentioned that there had been approximately 81 registered individuals for this 802.16 session. The link for the registration is here: <<http://ieee802.org/16/meetings/mtg74/reglist.html>>.

Task Group Reports**GRIDMAN TG Report:**

GRIDMAN TG Chair Tim Godfrey presented [IEEE 802.16n-11/0013r1](#).

Rakesh asked about a call for comments on the PARs needed to divide the work in response to the divided baseline standard. Roger said it will be good to review the PARS (he mentioned there could be subtle things that may have some political implications).

M2M TG Report:

M2M TG Chair Ron Murias presented [IEEE 802.16p-11/0020](#).

Rakesh asked whether the TG was planning a call for comments on the PARs to divide the work. Ron replied that the TG would start drafting new PARs during or after Session #75.

Maintenance TG Report:

Yan-Xiu Zheng presented [IEEE 802.16maint-11/0019](#)

Yan-Xiu provided an outline of how the standard was to be split. Phil Barber commented on the split and said that there are exceptions to the proposed split (some sections that had been identified to belong to one standard contained material that belonged to the other). Roger replied and said it is important keep it simple for the editor and suggested that corrections of the kind that Phil mentioned be made through ballot comments if members see a problem with the editor's work.

WG Chair's Report on editorial development of revision baseline materials:

The WG chair informed the group that a freelance technical editor had been identified to perform the splitting of the standard. The work was to start immediately and was planned to take 2 – 3 weeks. The chair said that the IEEE staff had been very helpful in this regards, and mentioned Karen McCabe in particular. The WG recognized the members of the staff with applause.

Project Planning Committee (PPC) Report:

PPC Chair Rakesh Taori had nothing to report.

ITU-R Liaison Group Report:

ITU-R Liaison Group Chair Takashi Shono presented [IEEE L802.16-11/0046r1](#).

Motion (20:01): *“To approve the following document and authorize the WG Chair to forward it to its recipients subject to any editorial corrections including amendments to the cc list.*

1. *IEEE L802.16-11/0040 – [LS to WATO] Liaison statement to WATO members regarding WirelessMAN-Advanced GCS transpositions”*

Moved by Takashi Shono; seconded by Yan-Xiu Zheng.

Result: In favor: 22. Against: 0, Abstain: 0.

Motion (20:10): *“To approve the following document and authorize the WG Chair to forward it to IEEE-SA Liaison to ITU-R subject to any editorial corrections.*

1. *L802.16-11/0028 - [Draft] Certification C”*

Moved by Takashi Shono; seconded by Ron Murias

Result: In favor: 23. Against: 0, Abstain: 0.

Motion(20:12): *“To approve the following documents and authorize the WG Chair to forward them for appropriate 802 approval subject to any editorial corrections.*

1. *L802.16-11/0043r1 - [Draft Contribution to WP 5D] IMT-2000 OFDMA TDD WMAN submission toward revision 11 of Recommendation ITU-R M.1457 (Meeting X+1)*
2. *L802.16-11/0039r1 - [Draft Contribution to WP 5D] IMT-2000 roadmap update for OFDMA TDD WMAN*
3. *L802.16-11/0045r1 - [Draft Contribution to WP 5A] Response to ITU-R WP 5A on “Mobile wireless access systems providing telecommunications for a large number of ubiquitous sensors and/or actuators scattered over wide areas in the land mobile service”*
4. *L802.16-11/0042 - [Draft Contribution to WP 5D] Vocabulary Terms and Abbreviations related to IEEE 802.16 in Preliminary Draft Revision of Recommendation ITU-R M.1224”*

Moved by Takashi Shono; seconded by Ron Murias

Result: In favor: 26. Against: 0, Abstain: 0.

Takashi expressed his thanks to Inuk Jung for preparation work for the M2M LS, and Imata-san, Kanzaki-san, and Elly Kim for active participation in this session. Thanks also to Terry deCourcelle for participating in the WATO meeting. The WG recognized these people with applause.

Takashi informed the group about the next World Radio Communication Conference (23 January-17 February 2012 in Geneva). The previous conference was in 2007.

Takashi said that the ITU-R Liaison Group plans to provide a tutorial during the Bangkok session. This is a great opportunity to learn what is happening in ITU-R of relevance to 802.16.

Future Sessions:

During his update on future sessions, the chair mentioned in particular:

1. He would make accommodations in the schedule for the ITU-R Liaison Group’s tutorial on Wednesday afternoon.
2. There is still no host for session #77, and the chair expressed concerns.
3. Buzz Rigsbee had informed the chair that Waikoloa Hilton is offering reduced rates, which makes it a possible venue for the May 2012 session (session #79).

Publicity.

The chair informed the group that, unless objections were raised, he planned to publish the Session #75 Report. No objections were raised.

EC Motions and other Business for Closing EC meeting (Friday, 1-6 pm)

The chair asked if anyone had any issues to bring up to the EC. Phil Barber complained about the attendance tool (IMAT), which had been very slow and at time difficult to access. The chair said he would convey the message.

New Business

The chair asked Phil Barber, who is the 802.16 WG liaison to the 802 Architecture Committee, to report on the committee's activities during the week. Phil mentioned that the committee is busy with Letter Ballot comment resolution on the 802 architecture. Most of the comments did not have any impact on 802.16, and were mostly relevant to 802.11. There were some comments on OUIs. There were no comments on the 802.16 Operator ID, and Phil said that he planned to submit a related comment.

Tim Godfrey asked how he could obtain a copy of the draft. Phil suggested that he contact the 802.1 chair, Tony Jeffree.

Roger informed the group that the 802.23 WG chair (Geoff Thompson) plans to make a motion to the EC to withdraw the 802.23 PAR. The 802.23 WG will probably be dissolved due to lack of interest.

Closing

Motion (21:01): *"To adjourn."*

Moved by Ron Murias; seconded by Lei Wang.
The motion carried by unanimous consent.

Registration List: IEEE 802.16 Session #74

Update: 2011-07-22

82 attendees registered and/or in the attendance logs, including at least 55 with "[participation](#)" credit

Participation Credit	Name\Family	Name\Given	Affiliation	City	State\Province	Country/Admin
Yes	Al-Kanani	Hassan	NEC Corporation	London		UK
No	Barber	Phillip	Huawei Technologies Co. Ltd	Plano	TX	USA
Yes	Bohyun	Kang	SAMSUNG Electronics	Suwon	Gyeonggi-do	Korea
Yes	Bratspiess	Inbar	Sequans	Tel Aviv		Israel
Yes	Cha	Jaesun	Electronics and Telecommunications Research Institute (ETRI)	Daejeon		Korea
Yes	Chang	Sung-Cheol	Electronics and Telecommunications Research Institute (ETRI)	Daejeon		Korea
No	Chen	Bin	Huawei Technologies Co. Ltd			
Yes	Chen	Chiu-Wen	Institute for Information Industry	Taipei		Taiwan
No	Cho	Jaeweon	SAMSUNG	Suwon	Gyeonggi	Korea
No	Choi	Jinsoo	LG ELECTRONICS			Korea
No	Chou	Joey	Intel Corporation	Chandler	AZ	USA
Yes	Colban	Erik	Huawei Technologies Co. Ltd	San Diego	CA	USA
Yes	Fang	Yu-Chuan	ITRI International Inc.	Chutung Hsinchu	Taiwan	Taiwan
Yes	Gal	Dan	ALCATEL-LUCENT	Morris Plains	NJ	USA
Yes	Godfrey	Tim	Electric Power Research Institute, Inc. (EPRI)			
No	Hernandez	Marco	National Institute of Information and Communications Technology (NICT)			Japan
No	Hirakawa	Mitsuru	Innovation Core SEI			
Yes	Hoang	Dien	National Institute of Information and Communications Technology (NICT)			
Yes	Hsiao	Ying-Chuan	Industrial Technology Research Institute	Chutung, Hsinchu	Taiwan	Taiwan
Yes	Hsieh	Ching-Tarn	Industrial Technology Research Institute	Hsinchu		Taiwan
Yes	Hsieh	Yu-Tao	ITRI	Hsinchu		Taiwan
Yes	Hsu	Chun-Yen	Institute for Information Industry	Taipei	NIL	Taiwan
Yes	Huang	Rui	Intel Corporation			
Yes	Imata	Satoshi	KDDI R&D Laboratories			Japan
Yes	Jee	Junghoon	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Chungcheongnam-do	Korea
Yes	Josiam	Kaushik	SAMSUNG	Richardson	Texas	USA
No	Juang	Rong-Terng	ITRI International Inc.	Hsinchu		Taiwan
No	Jung	Inuk	LG ELECTRONICS	Anyang	Gyeongkido	Korea
Yes	Jung	Soojung	Electronics and Telecommunications Research Institute (ETRI)			Korea
No	Kain	Carl	Noblis, Inc.			USA
Yes	Kang	Hyunjeong	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Kanzaki	Hajime	Hitachi, Ltd.	Kokubunji-shi	Tokyo	Japan
No	Kiernan	Brian	InterDigital Communications, LLC	King of Prussia	PA	USA
Yes	Kim	EunKyo ("Elly")	TTA	Sungnam-city	Gyeonggi-do	Korea
Yes	Kim	Eunkyung	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Daejeon	Korea
Yes	Kim	Jeongki	LG ELECTRONICS	Anyang-Shi	Gyeonggi-do	Korea
Yes	Kim	Namgi	Kyonggi University	Suwon	Kyounggi	Korea
Yes	Kim	Seokki	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Daejeon	Korea

Yes	Kim	Won Ik	Electronics and Telecommunications Research Institute (ETRI)			Korea
Yes	Kim	Youn-Kwan	High Gain Telecom	ShiHeung City	Gyeonggi-do	Korea
Yes	Kuo	Ping-Heng	ITRI			Taiwan
No	Kwak	Jin-Sam	LG ELECTRONICS	Anyang	Gyeonggi-do	Korea
Yes	Lee	Hyun	Electronics and Telecommunications Research Institute (ETRI)	Daejeon		Korea
No	Lee	Jin	LG ELECTRONICS	Anyang	Kyungki	Korea
Yes	Li	Honggang	Intel Corporation	Beijing		China, Peoples Rep
Yes	Lin	Yi-Ting	Institute for Information Industry	Taipei		Taiwan
No	Liru	Lu	National Institute of Information and Communications Technology (NICT)	Singapore	Singapore	Singapore
Yes	Maeder	Andreas	NEC Laboratories Europe	Heidelberg	DE	Germany
No	Mao	Ronald	Huawei Technologies Co. Ltd	San Diego	CA	USA
Yes	Marks	Roger	Consensii LCC	Denver	CO	USA
Yes	Marque-Pucheu	Gerard	EADS CASSIDIAN			France
Yes	Mohanty	Shantidev	Intel Corporation			USA
Yes	Murias	Ronald	InterDigital Communications, LLC	Calgary	AB	Canada
No	Ng	Put Fan	Rogers Communications Inc.	Brampton	ON	Canada
Yes	Nigam	Anshuman	Samsung Electronics	Bangalore		India
No	Nikolich	Paul	self, Samsung, Intel, SilverSpringNetworks, HP	Andover	MA	
Yes	Oodo	Masayuki	National Institute of Information and Communications Technology (NICT)	Yokosuka	Kanagawa	Japan
No	Park	Giwon	LG ELECTRONICS	Anyang-Shi	Gyeonggi-do	Korea
No	Park	Hyunho	Electronics and Telecommunications Research Institute (ETRI)	Daejeon Chungcheongnam-do	Korea	
Yes	Park	Jisoo	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	-	Korea
No	Pathmasuntharam	Jaya Shankar	Institute for Infocomm Research	Singapore		Singapore
No	Qin	Fei	China Academy of Telecommunication Technology (CATT)	Beijing		China
Yes	Sherman	Matthew	BAE Systems	Wayne	NJ	USA
Yes	Shono	Takashi	Intel Corporation	Tokyo	Tokyo	Japan
Yes	Son	Yeongmoon	Samsung Electronics	Suwon	Kyeonggi-do	Korea
Yes	Tao	Ming-Hung	Industrial Technology Research Institute	HsinChu		Taiwan
Yes	Taori	Rakesh	SAMSUNG	Suwon	Gyeonggi-do	Korea
Yes	Tarradell	Marta	Intel Corporation			
No	Teo	Joseph	Institute for Infocomm Research	Singapore	Singapore	Singapore
Yes	Triglia	Alessandro	oss nokalva			Italy
Yes	Tsai	Chia-Lung	ITRI	Hsinchu		Taiwan
Yes	Wang	Arthur	LinQuest Corporation	Buena Park	CA	USA
No	Wang	Haiguang	Institute for Infocomm Research			Singapore
No	Wang	Lei	InterDigital Communications, LLC	San Diego	CA	USA
No	Yeow	Wai-Leong	Institute for Infocomm Research			
Yes	Yun	Mi-Young	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Chungcheongnam-do	Korea
Yes	Zein	Nader	NEC Corporation	London		UK
Yes	Zeira	Eldad	InterDigital Communications, LLC	Melville	NY	USA
No	Zhang	Xin	National Institute of Information and Communications Technology (NICT)	Singapore	Singapore	Singapore
Yes	Zheng	Yan-Xiu	ITRI International Inc.			Taiwan
Yes	Zhou	Lei	SAMSUNG	Beijing		China

No	Zhou	Ming-Tuo	National Institute of Information and Communications Technology (NICT)	Singapore		Singapore
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+ Invalid affiliation disclosure. Accordingly, no participation credit granted.

++ Invalid affiliation disclosure, and attendance requirement unmet.

*Organizational attendee related to WirelessMAN-Advanced Transposing Organizations (WATO) meeting.

Note 1: Participation Credit field is tentative, depending on affiliation disclosure, attendance confirmation, etc.

Note 2: [Affiliation](#) per the "Affiliation" field on the attendance log form, or subsequent update. "Affiliation" is defined according to the [IEEE-SA affiliation disclosure requirements](#). Note in particular:

11. What if I refuse to disclose my affiliation?

As outlined in IEEE-SA governance documents, you will lose certain rights. In a working group where voting rights are gained through attendance, no attendance credit will be granted if affiliation isn't declared. Similarly, voting rights are to be removed if affiliation isn't declared.

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The IEEE 802.16 Working Group on Broadband Wireless Access Standards

IEEE 802.16 Members

Updated: 2011-09-02 accounting for [Session #74](#).

Number of members: 155

Next scheduled update: following [Session #76](#)

See also:

- [Rights of Membership](#)
- [Acquiring and Retaining IEEE 802.16 Membership](#)
- [Potential Members](#)
- [those recently losing membership](#)
- [Members in Peril](#)
- [Observers](#)
- [Update your contact information](#)
- [Member](#) and [Observer](#) contact databases (password required)

Name\Family	Name \Given	Affiliation	City	State/Province	Country/Admin
Agiwal	Anil	Samsung Electronics	Bangalore		India
Ahmed	Hanan	Huawei Technologies			
Al-Kanani	Hassan	NEC Corporation	London		UK
Arefi	Reza	Intel Corporation	Hillsboro	OR	USA
Arrington	Arthur	Air Network Solutions			USA
Baek	Youngkyo	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Barber	Phillip	Huawei Technologies Co. Ltd	Plano	TX	USA
Bims	Harry	Bims Laboratories, Inc.	Cupertino	CA	USA
Bratspiess	Inbar	Sequans	Tel Aviv		Israel

Cha	Jaesun	Electronics and Telecommunications Research Institute (ETRI)	Daejeon		Korea
Chang	Kim	Huawei Technologies			
Chang	Sung-Cheol	Electronics and Telecommunications Research Institute (ETRI)	Daejeon		Korea
Chang	YoungBin	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Chen	Bin	Huawei Technologies Co. Ltd			
Chen	Chiu-Wen	Institute for Information Industry	Taipei		Taiwan
Chen	Whai-En	National Ilan University	I-Lan	Taiwan	Taiwan
Chen	Yung-Han	Industrial Technology Research Institute	Chutung, Hsinchu		Taiwan
Chen	Yuqin	ZTE Corporation	Shenzhen	Guangdong	China
Chien	Chun-Che	Institute for information industry	Taipei City		Taiwan
Cho	HanGyu	LG ELECTRONICS	Seoul		Korea
Cho	Heejeong	LG Electronics	Anyang	Gyeonggi-do	Korea
Cho	Jaeweon	SAMSUNG	Suwon	Gyeonggi	Korea
Cho	Youngbo	Samsung	Suwon	Gyeonggi-do	Korea
Choi	Jinsoo	LG ELECTRONICS			Korea
Choi	Yang-Seok	Intel Corporation	Hillsboro	OR	USA
Chou	Chao-Chin (Kelvin)	MediaTek Inc.	Hsinchu		Taiwan
Chou	Ching-Chun	National Taiwan University	Taipei	Taiwan	Taiwan
Chou	Joey	Intel Corporation	Chandler	AZ	USA
Chun	Jin Young	LG ELECTRONICS	Anyang	Gyeonggi-do	Korea

Colban	Erik	Huawei Technologies Co. Ltd	San Diego	CA	USA
Costa	José	Ericsson Canada	Ottawa	ON	Canada
Crowley	Steven	NTT DoCoMo, Inc.			USA
Cummings	George	Huawei	Gilbert	AZ	USA
Dhaliwal	Upkar	Future Wireless Technologies	San Diego	CA	USA
Fan	Linghang	NEC	London		UK
Fang	Yu-Chuan	ITRI International Inc.	Chutung Hsinchu	Taiwan	Taiwan
Feder	Peretz	ALCATEL-LUCENT	Whippany	NJ	USA
Fu	I-Kang	MediaTek Inc.	Hsinchu		Taiwan
Fwu	Jong-Kae (JK)	Intel Corporation	Santa Clara	CA	USA
Gal	Dan	ALCATEL-LUCENT	Morris Plains	NJ	USA
Godfrey	Tim	Electric Power Research Institute, Inc. (EPRI)			
Gundlach	Michael	Nokia Siemens Networks	Munich		Germany
Hillery	William	Motorola, Inc.	Arlington Heights	IL	USA
Himayat	Nageen	Intel Corporation	Santa Clara	CA	USA
Hoang	Anh Tuan	Institute for Infocomm Research			
Hoang	Dien	National Institute of Information and Communications Technology (NICT)			
Hsiao	Ying-Chuan	Industrial Technology Research Institute	Chutung, Hsinchu	Taiwan	Taiwan
Hsieh	Ching-Tarng	Industrial Technology Research Institute	Hsinchu		Taiwan

Hsieh	Yu-Tao	ITRI	Hsinchu		Taiwan
Hsu	Chun-Yen	Institute for Information Industry	Taipei	NIL	Taiwan
Hsuan	Yi	Intel Corporation	Santa Clara	CA	USA
Imata	Satoshi	KDDI R&D Laboratories			Japan
Jan	Yih Guang	Electrical Engineering	Taipei		Taiwan
Jee	Junghoon	Electronics and Telecommunications Research Institute (ETRI)	Daejon	Chungcheongnam-do	Korea
Johnsson	Kerstin	Intel Corporation	Santa Clara	CA	USA
Josiam	Kaushik	SAMSUNG	Richardson	Texas	USA
Juang	Rong-Terng	ITRI International Inc.	Hsinchu		Taiwan
Jung	Inuk	LG ELECTRONICS	Anyang	Gyeongkido	Korea
Jung	Soojung	Electronics and Telecommunications Research Institute (ETRI)			Korea
Kang	Heewon	Samsung Electronics			Korea
Kang	Hyunjeong	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Kanzaki	Hajime	Hitachi, Ltd.	Kokubunji-shi	Tokyo	Japan
Khojastepour	Mohammad	NEC Laboratories America, Inc.	Princeton	NJ	USA
Khoryaev	Alexey	Intel Corporation	Nizhny Novgorod		Russia
Kiernan	Brian	InterDigital Communications, LLC	King of Prussia	PA	USA
Kim	EunKyo ("Elly")	TTA	Sungnam-city	Gyeonggi-do	Korea

Kim	Eunkyung	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Daejeon	Korea
Kim	Hokyung	SAMSUNG ELECTRONICS			
Kim	Jeongki	LG ELECTRONICS	Anyang-Shi	Gyeonggi-do	Korea
Kim	Namgi	Kyonggi University	Suwon	Kyonggi	Korea
Kim	Ronny (Yong-Ho)	LG Electronics	Anyang-shi	Gyeonggi-do	Korea
Kim	Sangheon	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Kim	Seokki	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Daejeon	Korea
Kim	Taeyoung	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Klutto Milleth	J.	CEWiT	Chennai	Tamilnadu	India
Kuo	Ping-Heng	ITRI			Taiwan
Kwak	Jin-Sam	LG ELECTRONICS	Anyang	Gyeonggi-do	Korea
Lee	Eunjong	LG ELECTRONICS	Anyang	Gyeonggi-do	Korea
Lee	Hyun	Electronics and Telecommunications Research Institute (ETRI)	Daejeon		Korea
Lee	Jin	LG ELECTRONICS	Anyang	Kyungki	Korea
Lee	Yang-Han	TamKang University	Taipei	Taipei	Taiwan
Lee	Youn-Tai	Institute for Information Industry	Taipei	Taiwan	Taiwan
Li	Honggang	Intel Corporation	Beijing		China, Peoples Rep
Li	Ying	Samsung Electronics	Richardson	TX	USA
Liao	Pei-Kai	MediaTek Inc.			Taiwan
Lim	Chiwoo	Samsung	Suwon	Gyeonggi-do	Korea
Lin	Ping-Chen	NTUST			

Lin	Yi-Ting	Institute for Information Industry	Taipei		Taiwan
Lin	Yu-Chan	National Ilan University	ILAN		Taiwan
Liru	Lu	National Institute of Information and Communications Technology (NICT)	Singapore	Singapore	Singapore
Liu	Yang	ZTE Corporation	Shenzhen	Guangdong	China
Lynch	Michael	MJ Lynch & Associates LLC	Richardson	TX	USA
Madhian	Mohammad	MEDIWAVE LLC		NJ	USA
Maeder	Andreas	NEC Laboratories Europe	Heidelberg	DE	Germany
Mao	Ronald	Huawei Technologies Co. Ltd	San Diego	CA	USA
Marks	Roger	Consensii LCC	Denver	CO	USA
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Migaldi	Scott				USA
Mohanty	Shantidev	Intel Corporation			USA
Murias	Ronald	InterDigital Communications, LLC	Calgary	AB	Canada
Nguyen	An	DHS/NCS	Falls Church	VA	USA
Nigam	Anshuman	Samsung Electronics	Bangalore		India
Nohara	Mitsuo	KDDI R and D Laboratories Inc.	Chiyoda-ku	Tokyo	Japan
Oodo	Masayuki	National Institute of Information and Communications Technology (NICT)	Yokosuka	Kanagawa	Japan
Park	Giwon	LG ELECTRONICS	Anyang-Shi	Gyeonggi-do	Korea
Park	Jeongho	Samsung	Suwon	Gyeonggi-Do	Korea

Park	Jisoo	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	-	Korea
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Probasco	Scott	Nokia	Irving	TX	USA
Puthenkulam	Jose		Beaverton	OR	USA
Qin	Fei	China Academy of Telecommunication Technology (CATT)	Beijing		China
Ramakrishna	Sudhir	Samsung	Richardson	TX	USA
Roh	Wonil	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Ryu	Kiseon	LG Electronics			Korea
Sambasivan	Sam	AT&T	Austin	TX	USA
Sayeedi	Shahab	Motorola Solutions	Arlington Heights	IL	USA
Schumacher	Joseph	Motorola, Inc.	Arlington Heights	IL	USA
Seol	Ji-Yun	Samsung Electronics Co., LTD.	SeongNam-si	Gyeonggi-do	Korea
Shekalim	Peretz	Runcom	Rishon Lezion	Rishon Lezion	Israel
Sherman	Matthew	BAE Systems	Wayne	NJ	USA
Sheynkman	Peter	RuggedCom, Inc.			
Shono	Takashi	Intel Corporation	Tokyo	Tokyo	Japan
Son	Jung Je	Samsung Electronics	Seoul	Gyeonggi-do	Korea
Son	Yeongmoon	Samsung Electronics	Suwon	Kyeonggi-do	Korea
Takai	Mineo	Space-Time Engineering	Rancho Palos Verdes	CA	USA
Talwar	Shilpa	Intel Corporation	Santa Clara	CA	USA
Tao	Ming-Hung	Industrial Technology Research Institute	HsinChu		Taiwan

Taori	Rakesh	SAMSUNG	Suwon	Gyeonggi-do	Korea
Teo	Joseph	Institute for Infocomm Research	Singapore	Singapore	Singapore
Triglia	Alessandro	oss nokalva			Italy
Tsai	Chang-Lan	ITRI	Hsinchu	Taiwan	Taiwan
Tsai	Chia-Lung	ITRI	Hsinchu		Taiwan
Tsai	Tsung-Yu	Institute for information industry	Taipei City		Taiwan
Tseng	Chuan-Yuan	NIU	Ilan		Taiwan
Tseng	Hsien-Wei	De Lin Institute of Technology	Taipei		Taiwan
Tzavidas	Stavros	Motorola, Inc.	Arlington Heights	Illinois	USA
Wang	Arthur	LinQuest Corporation	Buena Park	CA	USA
Wang	Hai	Samsung Electronics	Beijing		China
Wang	Haiguang	Institute for Infocomm Research			Singapore
Wang	Lei	InterDigital Communications, LLC	San Diego	CA	USA
Wang	Limei	Huawei Technologies Co., Ltd.			China
Wang	Shao-Cheng	Intel Corporation	hillsboro	or	USA
Wang	Yanhong	Huawei Technologies Co. Ltd	San Diego	CA	USA
Wei	Hung-Yu	National Taiwan University	Taipei		Taiwan
Yang	Rongzhen	Intel Corp.	Shanghai	Shanghai	China
Yang	Xiangying	Intel Corporation	Hillsboro	OR	USA
Yeow	Wai-Leong	Institute for Infocomm Research			
Yu	Hyunkyu	Samsung	Suwon	Gyeonggi-do	Korea
Zein	Nader	NEC Corporation	London		UK

Zeira	Eldad	InterDigital Communications, LLC	Melville	NY	USA
Zhang	Xin	National Institute of Information and Communications Technology (NICT)	Singapore	Singapore	Singapore
Zheng	Yan-Xiu	ITRI International Inc.			Taiwan
Zhou	Lei	SAMSUNG	Beijing		China
Zhou	Ming-Tuo	National Institute of Information and Communications Technology (NICT)	Singapore		Singapore

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