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IEEE DySPAN-SC

| Minutes of The 3rd General Meeting of IEEE Dynamic Spectrum Access Networks Standards Committee (DySPAN-SC) Scottsdale, AZ USA | | |
|--|------------------------|--------------------------|
| Date: 2012-01-13 | | |
| Author(s): | | |
| Name | Affiliation | email |
| Hiroshi Harada (Chair) | NICT | harada@ieee.org |
| Maximilian Riegel (Vice Chair) | Nokia Siemens Networks | max.riegel@ieee.org |
| Oliver Holland (Treasurer) | Kings College London | oliver.holland@kcl.ac.uk |
| Yohannes Alemseged (Recording Secretary) | NICT | yohannes@nict.go.jp |

Abstract

This document contains the minutes of the IEEE DySPAN Standards Committee general meeting held during Dec 12-14, 2011.

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4 **MINUTES**
5 **of**
6 **The 3rd General Meeting of IEEE Dynamic Spectrum Access Networks Standards Committee**
7 **(DySPAN-SC)**
8 **12-14 Dec 2011**
9 **Scottsdale, AZ USA**

10 **Event: DySPAN-SC plenary**

11 **Place: Scottsdale, AZ USA**

12 **Time: Dec 12, 5:30-7:00 pm –Dec 14, 3:30:5:30 pm**

13 **Meeting Chair: Hiroshi Harada**

14 **Meeting Secretary: Yohannes Alemseged**

15 **Participants: See Addendum A**

16 **Monday 12th Dec, 2011 5:30 PM local time**

17 **1. Opening business**

- 18 • IEEE DySPAN-SC started the meeting at 5:30 pm local time, Scottsdale, AZ,
19 USA, on Dec 12, 2011
- 20 • Chair of the DySPAN-SC (Hiroshi Harada) presided and Secretary of DySPAN-
21 SC (Yohannes Alemseged) presented.
- 22 • The Chair made a brief introduction. Then, he made call for Potentially Essential
23 Patents and indicated patent related links for further information.
- 24 • Attendance of the participants was taken (**Addendum A**)
- 25 • As per the previously established membership list, 17 members out of 32 present
26 during the meeting and secretary announced that the quorum to start the meeting
27 has been established.
- 28 • Approval of the Scottsdale meeting agenda was requested
- 29 ○ Motion: Approve the 3rd general meeting agenda of DySPAN-SC included
30 in **Addendum B**
- 31 ▪ Moved by: Lynn Grande
- 32 ▪ Seconded by: Bernd Bochow
- 33 ▪ Motion result: yes=14, no=0, abstain=1, the motion passed
- 34 • Approval of the minutes of the 2nd general meeting of DySPAN-SC held in
35 Brussels, was requested

- 1 ○ Motion: Approve the minutes of the 2nd general meeting of DySPAN-SC
2 held in Brussels, June 20-22, 2011. The minutes are available at,

3 [https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0005-00-MINS-dyspan-sc-](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0005-00-MINS-dyspan-sc-minutes-june20-22-2011-brussels-pdf.pdf)
4 [minutes-june20-22-2011-brussels-pdf.pdf](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0005-00-MINS-dyspan-sc-minutes-june20-22-2011-brussels-pdf.pdf)

- 5 ▪ Moved by: Venkatesha Prasad
6 ▪ Seconded by: Oliver Holland

7 Motion result: Yes=11, No=0, Abstain=1, motion passed

9 **2. Reports of officers**

10 The Chair requested the Secretary and the Treasurer to proceed with the secretary
11 and treasurer reports respectively.

12 2.1 The Secretary's report is included in **Addendum C.1**

- 13 ○ It includes current DySPAN-SC officers, current DySPAN-SC membership
14 and review of electronic ballots since the DySPAN-SC F2F meeting held
15 in Brussels.
16 ○ It also includes reports on the updates of the current DySPAN-SC website,
17 mentor facility and web teleconference tool.

18 2.2 The DySPAN-SC Treasurer (Oliver Holland) gave the Treasurer's report
19 included in the following URL

20 [https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0029-01-MTNG-treasurer-s-](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0029-01-MTNG-treasurer-s-report-for-scottsdale-2011-meeting.ppt)
21 [report-for-scottsdale-2011-meeting.ppt](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0029-01-MTNG-treasurer-s-report-for-scottsdale-2011-meeting.ppt)

22 Since there was no any contending issue, the chair suggested moving to the next
23 agenda item.

24 **3. Status of Working Group Items**

- 25 ○ The Chair invited IEEE DySPAN-SC WG chairs to present status of their
26 respective WGs.
27 ○ Chair of 1900.1 WG, Bernd Bochow, presented the current status of
28 1900.1 WG activities. Presentation slides are available at,

29 [https://mentor.ieee.org/1900.1/dcn/11/1-11-0069-00-CNTS-1900-1-progress-](https://mentor.ieee.org/1900.1/dcn/11/1-11-0069-00-CNTS-1900-1-progress-report.ppt)
30 [report.ppt](https://mentor.ieee.org/1900.1/dcn/11/1-11-0069-00-CNTS-1900-1-progress-report.ppt)

- 1 ○ Chair of 1900.4 WG, Masayuki Ariyoshi, presented the current status of
2 1900.4 WG activities. Presentation slides are available at,
3 [https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0032-00-MTNG-status-report-on-1900-4-](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0032-00-MTNG-status-report-on-1900-4-wg.ppt)
4 [wg.ppt](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0032-00-MTNG-status-report-on-1900-4-wg.ppt)
5 ○ Chair of 1900.5 WG, Lynn Grande, presented the current status of 1900.5
6 WG activities. Presentation slides are available at
7 [https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0030-00-MTNG-p1900-5-r0-12-14dec11-](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0030-00-MTNG-p1900-5-r0-12-14dec11-f2f-startingplenary.pptx)
8 [f2f-startingplenary.pptx](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0030-00-MTNG-p1900-5-r0-12-14dec11-f2f-startingplenary.pptx)
9 ○ Acting chair of 1900.6 WG, Chen Sun presented the current status of
10 1900.6 WG activities. Presentation slides are available at,
11 [https://mentor.ieee.org/1900.6/dcn/11/6-11-0065-00-0000-december-2011-](https://mentor.ieee.org/1900.6/dcn/11/6-11-0065-00-0000-december-2011-scottsdale-meeting-opening-report.pptx)
12 [scottsdale-meeting-opening-report.pptx](https://mentor.ieee.org/1900.6/dcn/11/6-11-0065-00-0000-december-2011-scottsdale-meeting-opening-report.pptx)
13 ○ Chair of 1900.7 WG, Stanislav Filin, presented the status of WS Radio
14 PAR. Presentation slides are available at,
15 [https://mentor.ieee.org/1900.7/dcn/11/7-11-0023-00-REPT-scottsdale-meeting-](https://mentor.ieee.org/1900.7/dcn/11/7-11-0023-00-REPT-scottsdale-meeting-opening-report.ppt)
16 [opening-report.ppt](https://mentor.ieee.org/1900.7/dcn/11/7-11-0023-00-REPT-scottsdale-meeting-opening-report.ppt)
17 ○ Since the time allocated for the opening plenary was not sufficient to finish all
18 agenda items the following motion was run in order to postpone two agenda
19 items from opening plenary to the closing plenary.
20 ○ Motion: Move the agenda items 4.1 IEEE-SA policy changes and new
21 products (10 min), 4.2 IEEE DySPAN-SC default P&P (30 min) to the closing
22 plenary scheduled to start Wednesday PM2 3:25 PM
23 Moved by Lynn Grande
24 Seconded by Lee Pucker
25 Discussion: No discussion
26 Motion was accepted unanimously
27
28 Meeting was recessed at 1:00 PM local time
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1 **Wednesday 14th Dec, 2011 3:30 PM local time**

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3 **4. Administrative Items**

4 The Chair requested the secretary to proceed with the presentation of slides on
5 administrative issues.

6 **4.1 IEEE-SA policy changes and new products**

7 Joan Woolery, IEEE SA liaison to DySPAN-SC presented the material on IEEE-SA
8 policy changes and new products which is found in the following URL

9 [https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0020-00-MTNG-2012-ieee-sa-policy-](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0020-00-MTNG-2012-ieee-sa-policy-changes.pptx)
10 [changes.pptx](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0020-00-MTNG-2012-ieee-sa-policy-changes.pptx)

11 **4.2 Draft DySPAN-SC P&P preparation and approval**

- 12 ○ Background: Chair of DySPAN-SC formed an ad-ho group within the
13 DySPAN-SC leadership to prepare draft default P&P for the 1900.x WGs. The
14 ad-hoc group is chaired by Bernd Bochow and the draft document has been
15 posted in DySPAN-SC for presentation in the Scottsdale meeting.
- 16 ○ The following documents were used during the meeting

17 **Draft DySPAN-SC individual WG P&Ps:** [https://mentor.ieee.org/dyspan-](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0025-00-PnPs-draft-dyspan-sc-individual-wg-p-ps.doc)
18 [sc/dcn/11/sc-11-0025-00-PnPs-draft-dyspan-sc-individual-wg-p-ps.doc](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0025-00-PnPs-draft-dyspan-sc-individual-wg-p-ps.doc)

19 **Comments on the draft DySPAN-SC individual WG P&Ps:**

20 [https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0026-00-PnPs-comments-on-the-](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0026-00-PnPs-comments-on-the-draft-dyspan-sc-individual-wg-p-ps.xls)
21 [draft-dyspan-sc-individual-wg-p-ps.xls](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0026-00-PnPs-comments-on-the-draft-dyspan-sc-individual-wg-p-ps.xls)

22 **Open Issues on the draft DySPAN-SC individual WG P&Ps:**

23 [https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0027-01-PnPs-open-issues-on-the-](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0027-01-PnPs-open-issues-on-the-draft-dyspan-sc-individual-wg-p-ps.ppt)
24 [draft-dyspan-sc-individual-wg-p-ps.ppt](https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0027-01-PnPs-open-issues-on-the-draft-dyspan-sc-individual-wg-p-ps.ppt)

25 Discussion:

- 26 ■ On the Issue of Treasurer: There was a general agreement to change the
27 proposed text back to the text as stated on the baseline (template) P&P
- 28 ■ On the issue of election (subclause 6.2): it was agreed to keep the wording as
29 proposed by the AdHoc chair as the intention was to provide more clarity to
30 the statements provide by the template

- 1 ▪ On the issue of secretary: applying the same requirement in terms of being
2 knowledgeable in IEEE standards process and parliamentary procedures to
3 the secretary was agreed to keep as proposed by the ad hoc.
- 4 ▪ Due to the limitation of the time, it was not possible to discuss on all
5 comments received. The ad hoc chair, finally pointed to the issue of meeting
6 attendance by electronic means.
- 7 ▪ The ad hoc chair indicated for the need to include text in the P&P that
8 address some shortcomings during electronic attendance. Chair of DySPAN-
9 SC recommended the Ad-Hoc chair to issue call for proposal for candidate
10 text to address issues of the electronic meeting pointed out by the Ad Hoc
11 chair.
- 12 ▪ As a way forward, it was agreed that members forward their comments
13 related to the distributed P&P, until the following week. The Ad Hoc can work
14 on the comment resolution and integrate the result with the draft P&P
15 candidate.

16 **4.3 Report and way forward on the DSA VE ad hoc activity**

17 Chair of the DSA VE ad hoc indicated that the issue requires some more
18 discussion at the DySPAN-SC leadership and report the outcome.

19 **4.4 Meeting registration waiver**

20 The Secretary presented the background of the agenda as follows

- 21 ○ The CSSB P&P that DySPAN-SC currently following allows registration
22 waiver only under one condition “financial hardship”
- 23 ○ There has been a request for waiver of DySPAN-SC DySPAN-SC
24 meeting organizer (host person)

25 After some deliberation on the issue, the following motion was placed

26 Move to apply meeting registration waiver of DySPAN-SC F2F
27 meetings for the meeting organizer (host)

28 Moved by: Lee Pucker

29 Seconded by: Lynn Grande

30 Discussion: No discussion

31 Result: Yes=10, No=0, Abstain=1 Motion passed

4.5 Guidelines on which documents should be public

Joan Woolery, IEEE SA liaison to DySPAN-SC presented the material on guidelines on which documents should be public on IEEE SA mentor. The presentation material is found at the URL

<https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0021-00-MTNG-guidelines-on-public-documents.pptx>

5. Wrap-up report from WG chairs

The Chair requested for wrap-up reports from WG chairs

- Chair of 1900.1 WG, Bernd Bochow, presented wrap-up report of 1900.1 WG activities. Presentation slides are available at,

<https://mentor.ieee.org/1900.1/dcn/11/1-11-0069-01-CNTS-1900-1-progress-report.ppt>

- Chair of 1900.4 WG, Masayuki Ariyoshi, presented wrap-up report of 1900.4 WG activities. Presentation slides are available at,

<https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0032-00-MTNG-status-report-on-1900-4-wg.ppt>

- Chair of 1900.5 WG, Lynn Grande, presented wrap-up report of 1900.5 WG activities. Presentation slides are available at,

<https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0036-00-MTNG-p1900-5-r0-12-14dec11-f2f-endingplenary.pptx>

- Acting chair of 1900.6 WG, presented wrap-up report of 1900.6 WG activities. Presentation slides are available at,

<https://mentor.ieee.org/1900.6/dcn/11/6-11-0066-00-0000-december-2011-scottsdale-meeting-closing-report.pptx>

- Chair of 1900.7 WG, presented wrap-up report of the 1900.7 WG. Presentation slides are available at,

<https://mentor.ieee.org/1900.7/dcn/11/7-11-0030-00-REPT-closing-report.pdf>

6. Meeting planning

- The Secretary presented meeting planning for future F2F meetings
(Addendum D)

- 1 ○ There was a comment from the floor on how the meeting dates are fixed
2 since the votes were only for venues and meeting month.
- 3 ○ The secretary responded that, the meeting dates are fixed based on the
4 facility availability. This is usually done much ahead of time and it entirely
5 depends on the arrangement done by the meeting hosts.
- 6 ○ For the March and June meetings, to decide whether 3 or 4 days are needed ,
7 it was suggested that the WG chairs declare on the estimated sessions they
8 need to the DySPAN-SC secretary before end of January, 2012

9 **7. AOB**

- 10 ○ The Chair requested if there are any other businesses to be discussed.
- 11 ○ Chair Hiroshi Harada presented a brief informational report on the status of
12 DySPAN-SC which is found at the following URL

13 <https://mentor.ieee.org/dyspan-sc/dcn/11/sc-11-0033-00-MTNG-year-end-report.pdf>

14 At all the agenda items have been walked through, a motion to adjourn the meeting
15 was,

16 Moved by Lee Pucker

17 Seconded by Max Riegel

18 Discussion: No discussion

19 The Chair adjourned the meeting at 5:30 PM local time.

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- 1 Annex
- 2 A. Attendance
- 3

Voting participants at the time of the meeting

| | Last Name | First name | Employer | Affiliation | Other Standards Activities | Attend. Opening Plenary | Attend. Closing Plenary |
|----|-----------|------------|--|------------------------------|---|-------------------------|-------------------------|
| 1 | Ariyoshi | Masayuki | NEC | NEC | DYSPAN-SC, 1900.4,1900.1,1900.6 IEEE SA RevCom, SASB | X | X |
| 2 | Aust | Stefan | NEC Communications | NEC | 1900.6, DYSPAN-SC, 802.11, 802.11 ah | X | |
| 3 | Demessie | Yohannes | NICT | NICT | DYSPAN-SC, 1900.6, 802.11, 802.19 | X | X |
| 4 | Filin | Stanislav | NICT | NICT | DYSPAN-SC, 1900.4, 1900.1, 900.7,802.11, 802.15, 802.19, ITU-R | X | X |
| 5 | Grande | Lynn | General Dynamics | General Dynamics-C4 | DYSPAN-SC, 1900.5 | X | X |
| 6 | Hanaoka | Seishi | Hitachi | Hitachi | DYSPAN-SC, 1900.4 | | |
| 7 | Harada | Hiroshi | NICT | NICT | DYSPAN-SC, 1900.4, 1900.6, 1900.7, 802.11, 15, 19, 22, TIAT-TR 51 | X | X |
| 8 | Hoffmeyer | Jim | Western Telecommunication s Consulting | US DOD Joint Spectrum Center | DYSPAN-SC, 1900.5, Member of CSSB, | | |
| 9 | Holland | Oliver | King's College London | Kings College London | DYSPAN-SC, 1900.1, 1900.6, 1900.7 | X | X |
| 10 | Ishizu | Kentaro | NICT | NICT | DYSPAN-SC, 1900.4, 1900.1 | | |
| 11 | Kabe | Toru | ISB | ISB | DYSPAN-SC, 1900.4 | | |
| 12 | Moessner | Klaus | University of Surrey | University of Surrey | DYSPAN-SC, 1900.6 | | |
| 13 | Tran | HaNguyen | NICT | NICT | DYSPAN-SC, 1900.6, 1900.1, | X | X |

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| | | | | | 802.11, 802.19 | | |
| 14 | Noguet | Dominique | CEA | CEA | DYSPAN-SC, 1900.6, 1900.7 | | |
| 15 | Pollin | Sofie | UC Berkeley | | | | |
| 16 | Pucker | Lee | Software Defined Radio Incorporated | Software Defined Radio Inc. | DYSPAN-SC, ETSI TCR-RRS, ITU-R, SDR IETF | X | X |
| 17 | Sato | Naotaka (Bill) | Sony | | | | |
| 18 | Swain | Darcy | MITRE | US DOD, | DYSPAN-SC, 1900.6, 1900.1, TM FORUM | X | X |
| 19 | Takayoshi | Hiroto | Worldpicom | Worldpicom | DYSPAN-SC, 1900.4 | | X |
| 20 | Watanabe | Jun | Bitmeister | Bitmeister | DYSPAN-SC, 1900.4 | | |
| 21 | Bochow | Bernd | Fraunhofer Gesellschaft | FRAUNHOFER FOKUS | DYSPAN-SC, 1900.1, 1900.6, | X | X |
| 22 | Riegel | Max | Nokia Siemens Networks | Nokia Siemens Networks | DYSPAN-SC, 1900.5, 1900.6, 1900.1 IEEE SA, 802.11, IEEE 2301102, 802.16, 802.19, ETSI-RRS | X | X |
| 23 | Posherstnik | Yuriy | CERDEC | CERDEC | | X | X |
| 24 | Prasad | Venkatesha | TU Delft | TU Delft | | X | X |
| 25 | Hasegawa | Mikio | Tokyo University of Science | Tokyo University of Science | DYSPAN-SC, 1900.4, 1900.7 | X | X |
| 26 | Lu | Liru | NICT | NICT | Academic/Research Institute | | X |
| 27 | Zhang | Xin | NICT | NICT | Academic/Research Institute | | X |
| 28 | Gundlach | Michael | Nokia Siemens Networks | Nokia Siemens Networks | DYSPAN-SC, 1900.1, 1900.6, 802.16 | X | X |
| 29 | Mouton | Christian | NEC Technologies | NEC | DYSPAN-SC, 1900.4 | | |
| 30 | Xue | Jiantao | BUPT | National Science and | DySPAN-SC, | X | X |

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|------------------------|---------|-----------|-------------------------|-------------------------|--|---|---|
| | | | | Technology Department | 1900.6, 1900.7 | | |
| 31 | Mori | Taeko | ISB | ISB | DySPAN-SC, 1900.4 | | |
| 32 | Murai | Shinji | Hitachi | Hitachi | DySPAN-SC, 1900.4 | | X |
| Participant | | | | | | | |
| 33 | Sun | Chen | NICT | NICT | | X | X |
| 34 | Hoang | Vinh-Dien | NICT | NICT | | | X |
| CSSB Observer | | | | | | | |
| 35 | Gelman | Alex | <i>NETovations, LLC</i> | <i>NETovations, LLC</i> | Vice chair of CSSB, Chief Information Officer of ComSoc. | X | X |
| IEEE SA liaison | | | | | | | |
| 36 | Woolery | Joan | IEEE | IEEE | IEEE Senior Program Manager | X | X |

1 **Total participants at Opening= 20**

2 **Total participants at Closing Plenary=24**

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4 **B. Agenda**

5 **Monday Dec 12, 2011 PM3 (opening)**

6 1. Opening Business

7 1.1. Roll Call

8 1.2. Approval of the agenda

9 1.3. Approval of minutes for June 20-22, 2011 meeting held at Brussels

10 2. Reports of Officers

11 2.1 Secretary

12 2.1.1 Current DySPAN-SC officers

13 2.1.2 Current DySPAN-SC membership

14 2.1.3 Review of electronic ballots since the Brussels meeting

15 2.1.4 DySPAN-SC website, Mentor facility (e:mail, ballots), web teleconference tool

16 2.2 Treasurer

17 2.2.1 Annual and year to date report

18 2.2.2 Meeting financials

19 2.2.3 Finance Availabilities

- 1 3. Reports from WG chairs
- 2 3.1 Status of P1900.1
- 3 3.2 Status of P1900.4
- 4 3.3 Status of P1900.5
- 5 3.4 Status of P1900.6
- 6 3.5 Status of P1900.7
- 7 4. Administrative Issues
- 8 4.1 CSSB IEEE-SA policy changes and new products
- 9 4.2 IEEE DySPAN-SC default P&P
- 10 **Wednesday Dec 14, PM3 (Closing Plenary)**
- 11 4.3 Report and way forward on the DSA VE ad hoc activity
- 12 4.4 Meeting registration waiver
- 13 4.5 Guidelines on which documents should be public
- 14 5. Wrap-up report from WG chairs
- 15 5.1 P1900.1
- 16 5.2 P1900.4
- 17 5.3 P1900.5
- 18 5.3 P1900.6
- 19 5.4 P1900.7
- 20 6. Meeting planning
- 21 7. Any Other Business

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- 1 C. Officers Report
- 2 C.1. Secretary

December 2011 doc.: IEEE DyS

2.1 Secretary's r

2.1.1 Current Officers of D

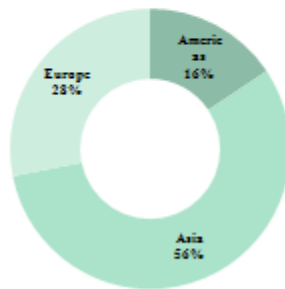
- Hiroshi Harada – Chair
- Max Riegel – Vice-Chair
- Yohannes Alemseged – Secret
- Oliver Holland – Treasurer

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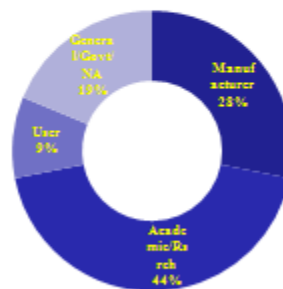
December 2011 doc.: IEEE DySPAN-SC 11-0019-01-MTNG

2.1.2 IEEE DySPAN-SC membership

- Current voting members: 32



Distribution by region



Distribution by type

3rd General Meeting of IEEE DySPAN-SC Dec. 12-14, 2011 Slide 16

Yohannes Alemseged (NICT)

4

2.1.3 Results of the elect since the last F2F 1

- Approval of IEEE DySPAN-SC F2F meeting

| March 2012 | June/July 2012 | Nov/De |
|--------------------|-------------------|---------|
| 18 votes Osaka | 17 votes Grenoble | 27 vote |
| 10 votes San Diego | 8 votes Brussels | 2 vote |
| 1 vote Abstain | 2 votes Delft | |
| | 2 votes Abstain | |

Based on the votes, the selected venues are
 For March 2012 ---- Osaka
 June/July 2012 -- Grenoble
 Nov/Dec 2012----- Washington Dc

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1 **D. Meeting Planning**

December 2011

doc.: IEEE DyS

6. Meeting Plan

- **General meetings for the 2012**

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