

CMD Report

Peter Magyar, CMD Chair

IAS Executive Board Meeting

2016 Q1

Jacksonville, FL USA

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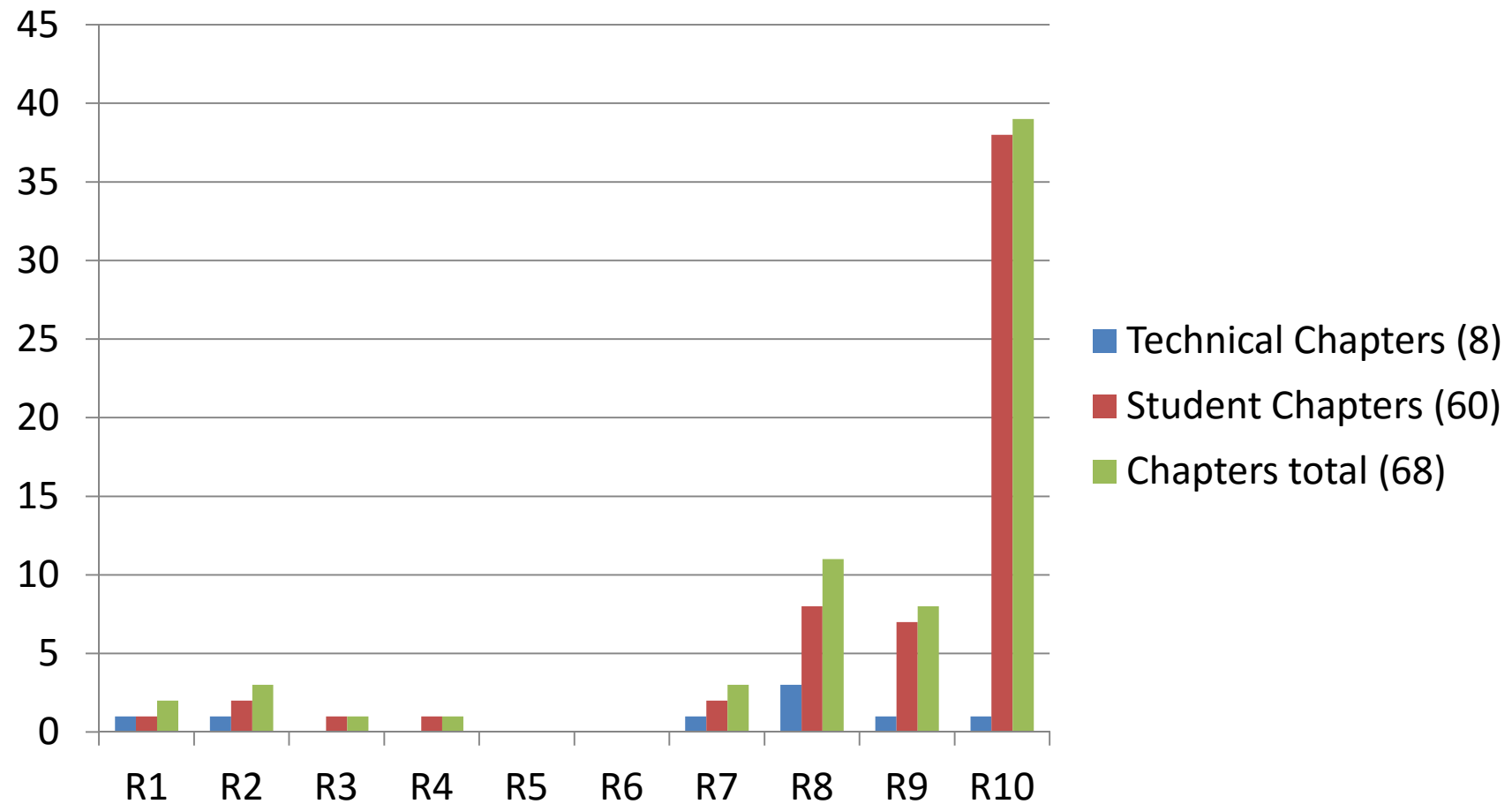
CHAPTERS

Chapter statistics, Overview

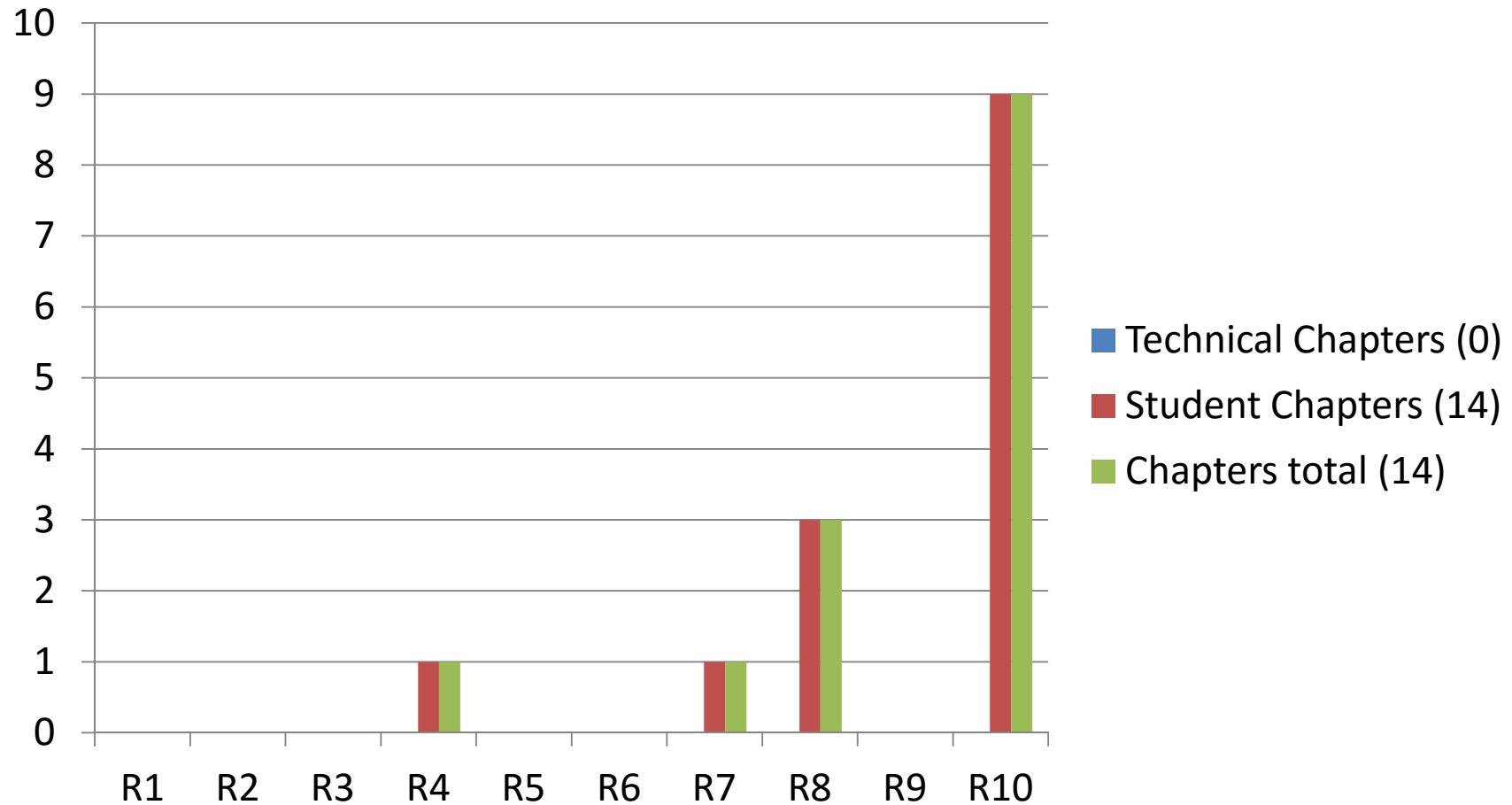
Number of Chapters	Jan 1, 2015	Dec 31, 2015	March 09, 2016	
Technical	136	144	144	
Student Branch	81	127	141	
Total	217	271	285	

Change		Jan 1, 2015 Dec 31, 2015	Jan 1, 2015 Feb 26, 2016	Jan 1, 2016 March 03, 2016
Technical		8	8	0
Student Branch		46	56	14
Total		54	64	14

68 New chapters since Jan 1, 2015



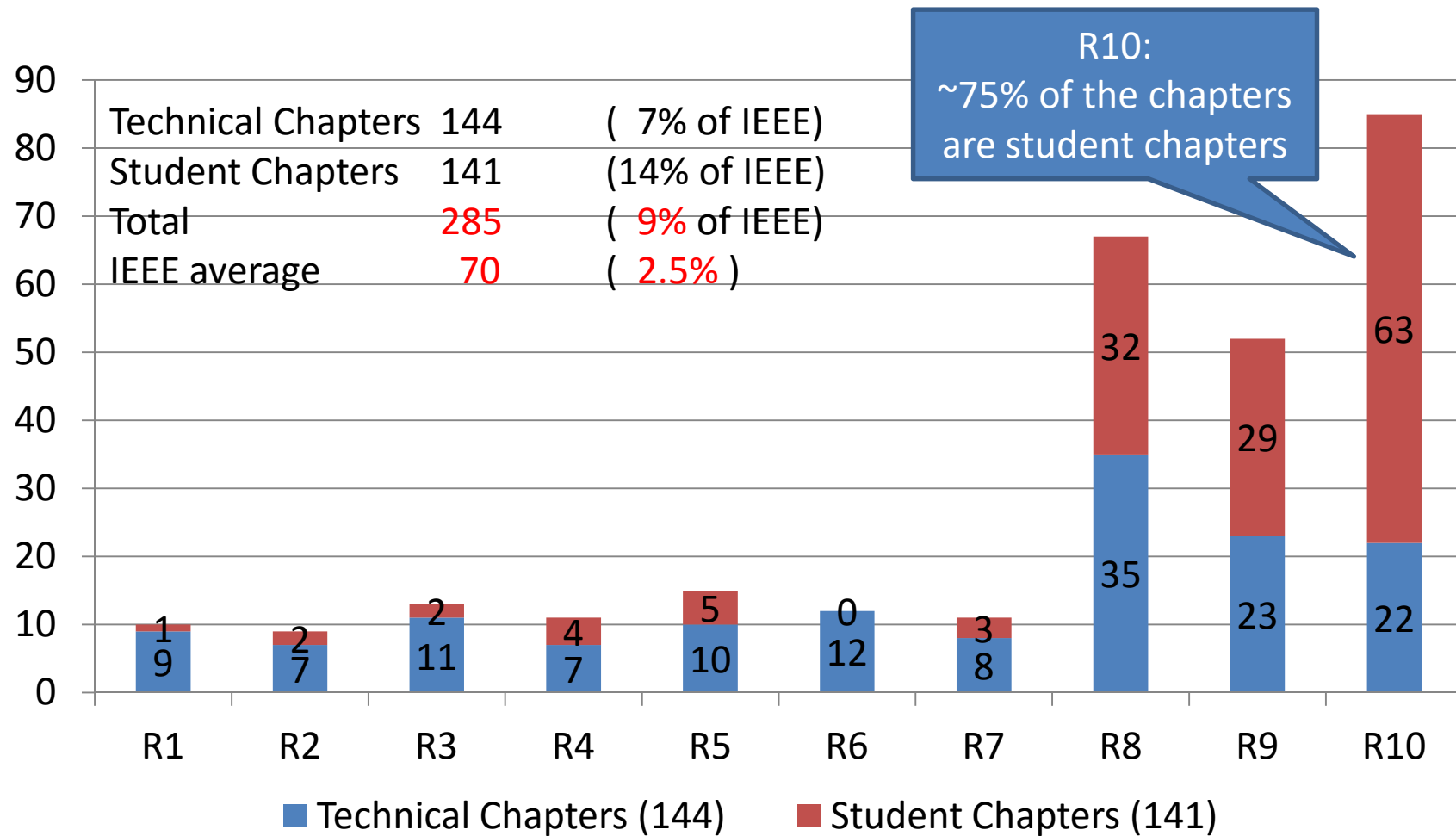
14 New chapters since Jan 1, 2016



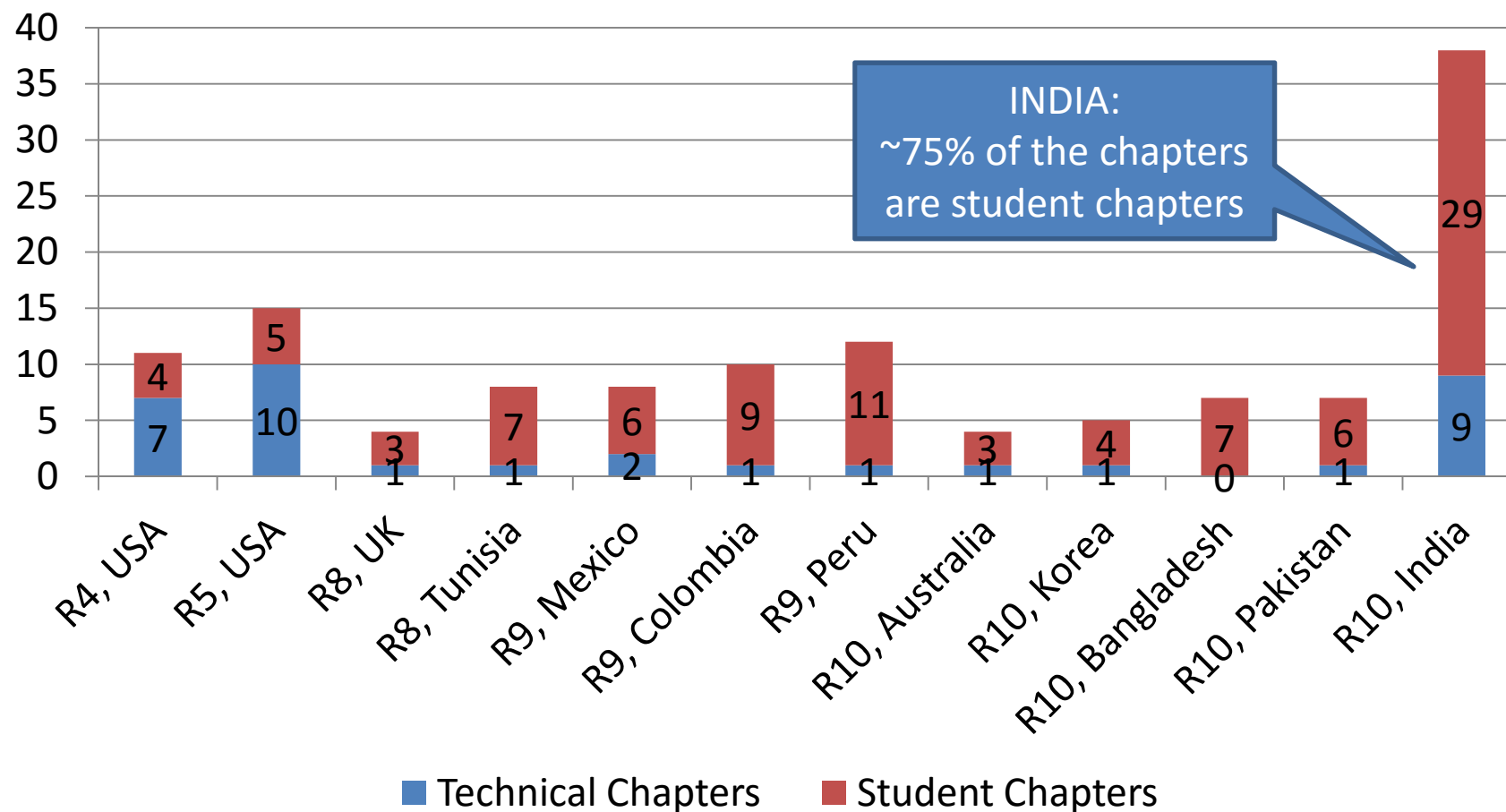
14 New SB chapters 2016 by country

- USA R4
- Canada
- UK
- Egypt (2)
- Bangladesh (5)
- Fiji
- India (2)
- Malaysia

Chapter Distribution



Countries with significant number of student chapters

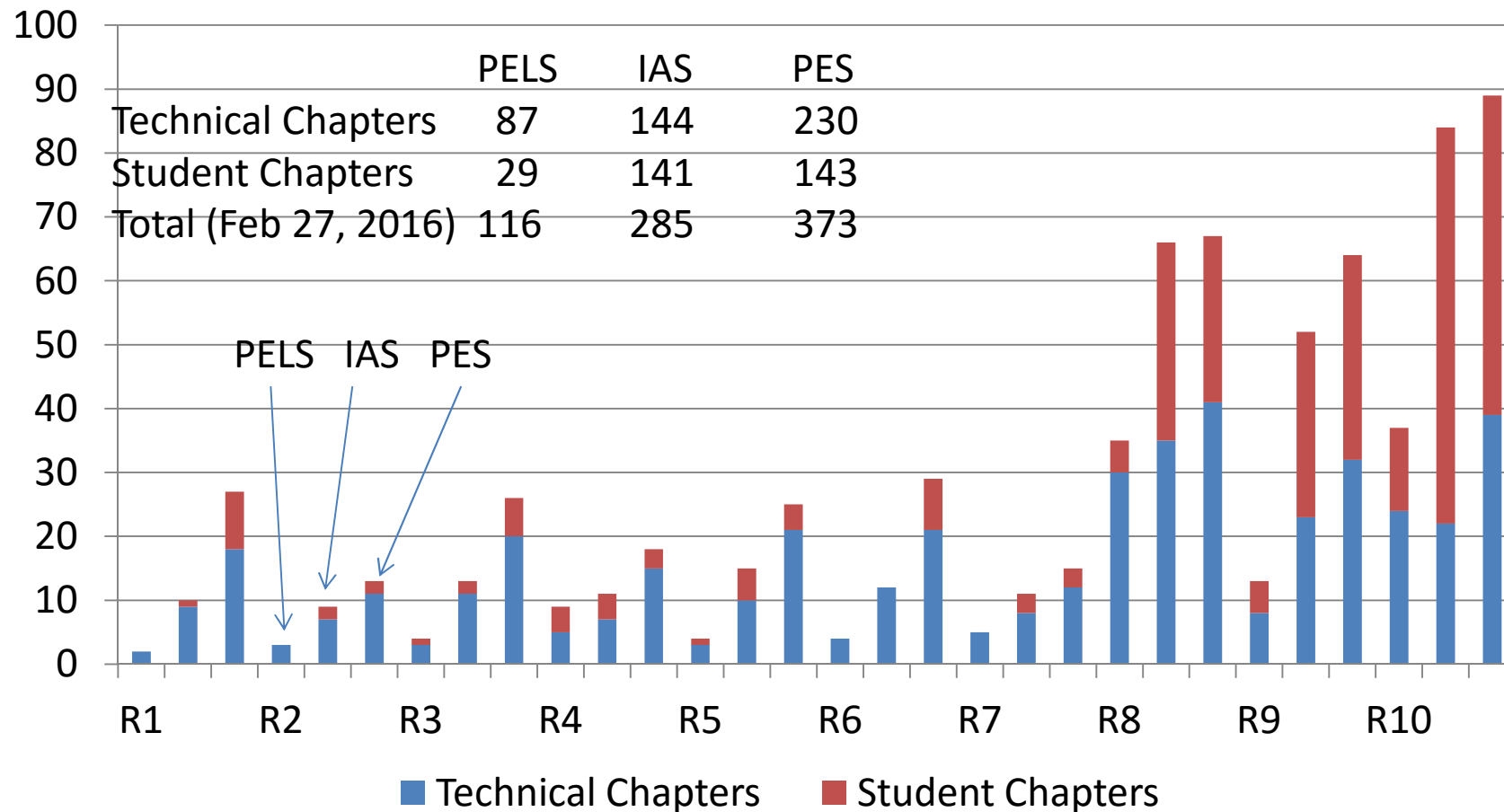


Chapter creation in progress

- Region 1,3,4,5,7
 -
- Region 2
 - Univ. of Maryland SB
- Region 6
 - San Diego Section
- Region 8
 - Cyprus
 - Russia Siberia
 - Ukraine
- Region 9
 - Argentina
 - Brazil
 - Chile (2)
 - Uruguay
- Region 10
 - Bangladesh (0+1)
 - China
 - India (...)
 - Malaysia (1+1)

Chapter Distribution Mar 2016

PELS, IAS, PES



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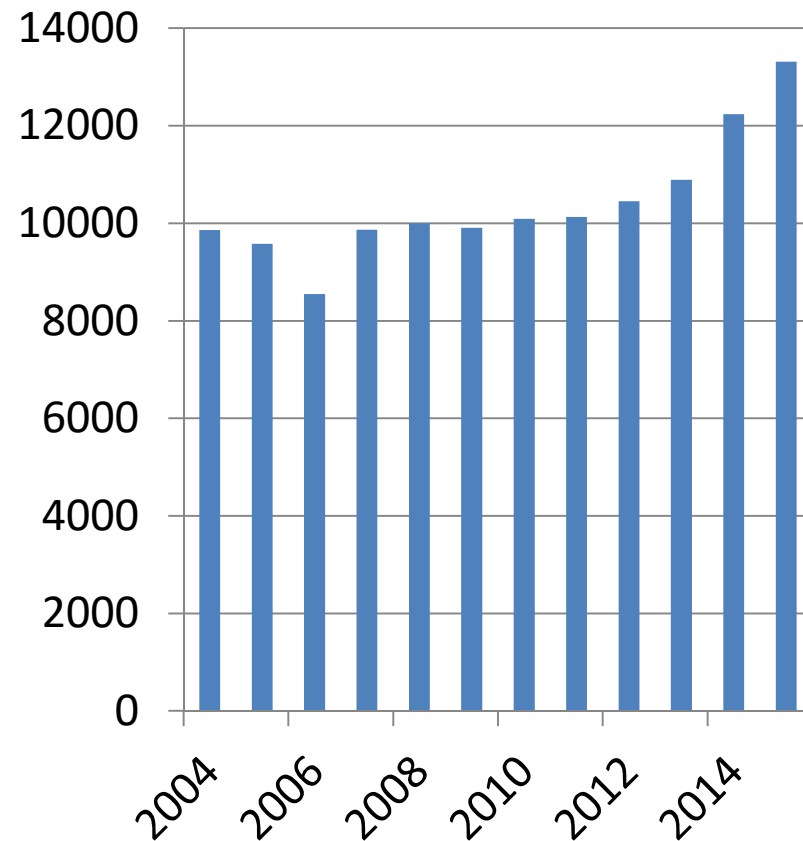
MEMBERSHIP

Membership development

Attributes , Dec 31, 2015

	Number (%)
IAS members, total	13,314 (100%)
In 120+ countries	
IAS student grade members	2,805 (21%)
First year members 2015	2,960 (22%)

MD history 2004 - 15

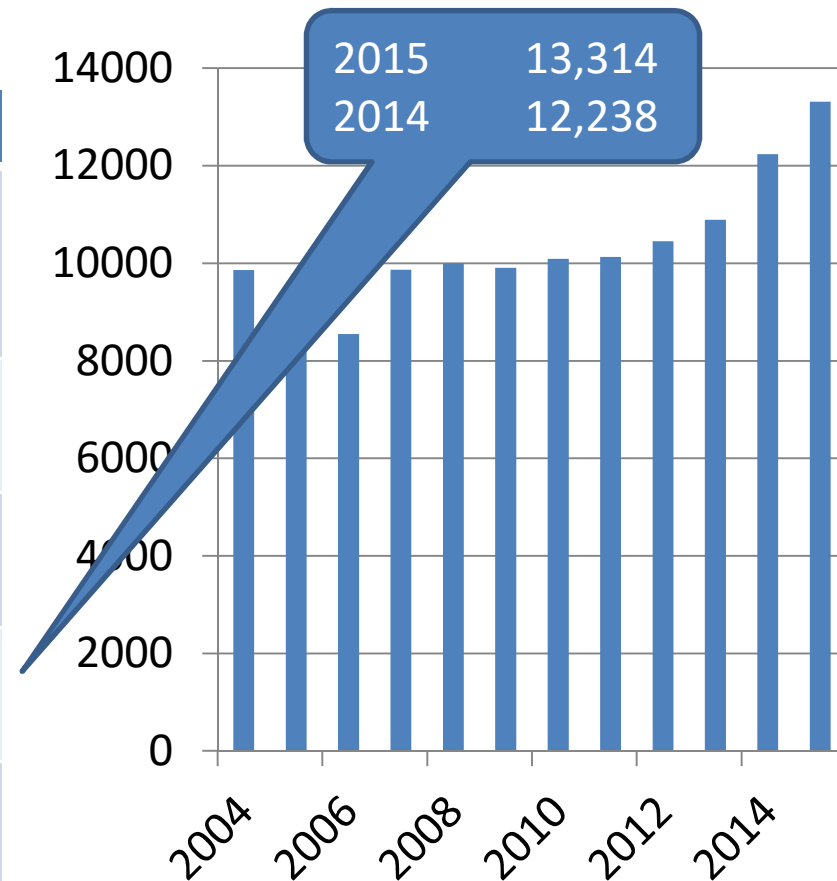


Membership dynamics

Attributes , Dec 31, 2015

	Number (%)
IAS members, total	13,314 (100%)
In 120+ countries	
IAS student grade members	2,805 (21%)
First year members 2015	2,960 (22%)
Membership growth 2014-2015	1,076 (8%)
Members left IAS 2015	1,884 (14%)

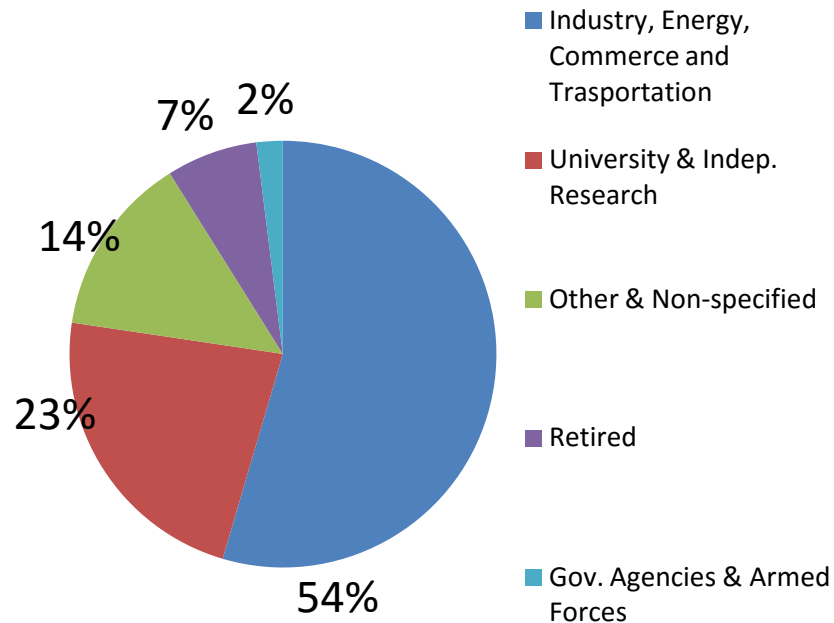
MD history 2004 - 15



Members 2015

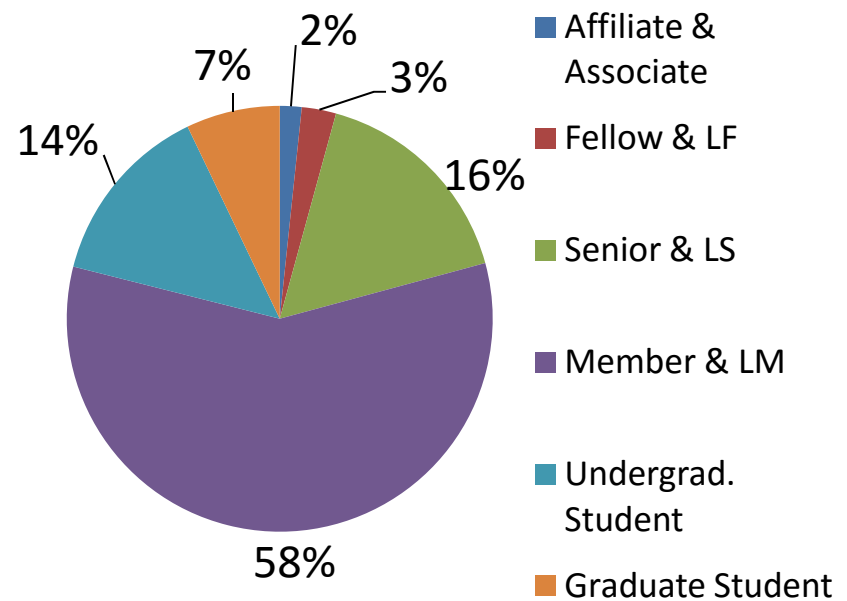
(13,314 in 120+ countries)

IAS Members by Line of Business



54% Industry Sector

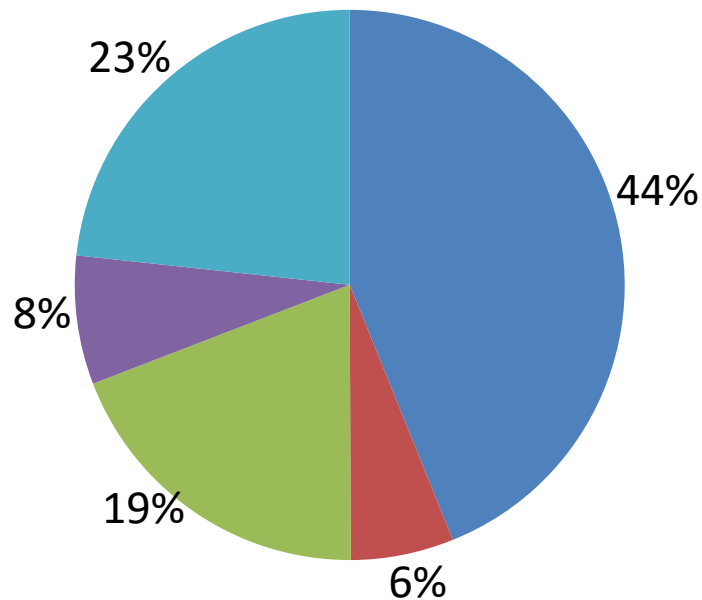
IAS Members by Grade



21% Student
3 % Fellow

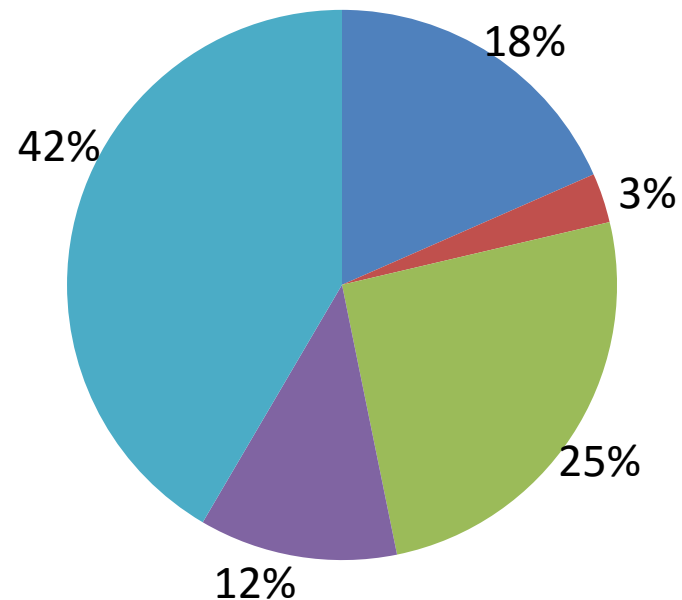
Membership and new member distribution by Region

IAS membership 2015 by Region



■ R1-6 ■ R7 ■ R8 ■ R9 ■ R10

New IAS members 2015 by Region

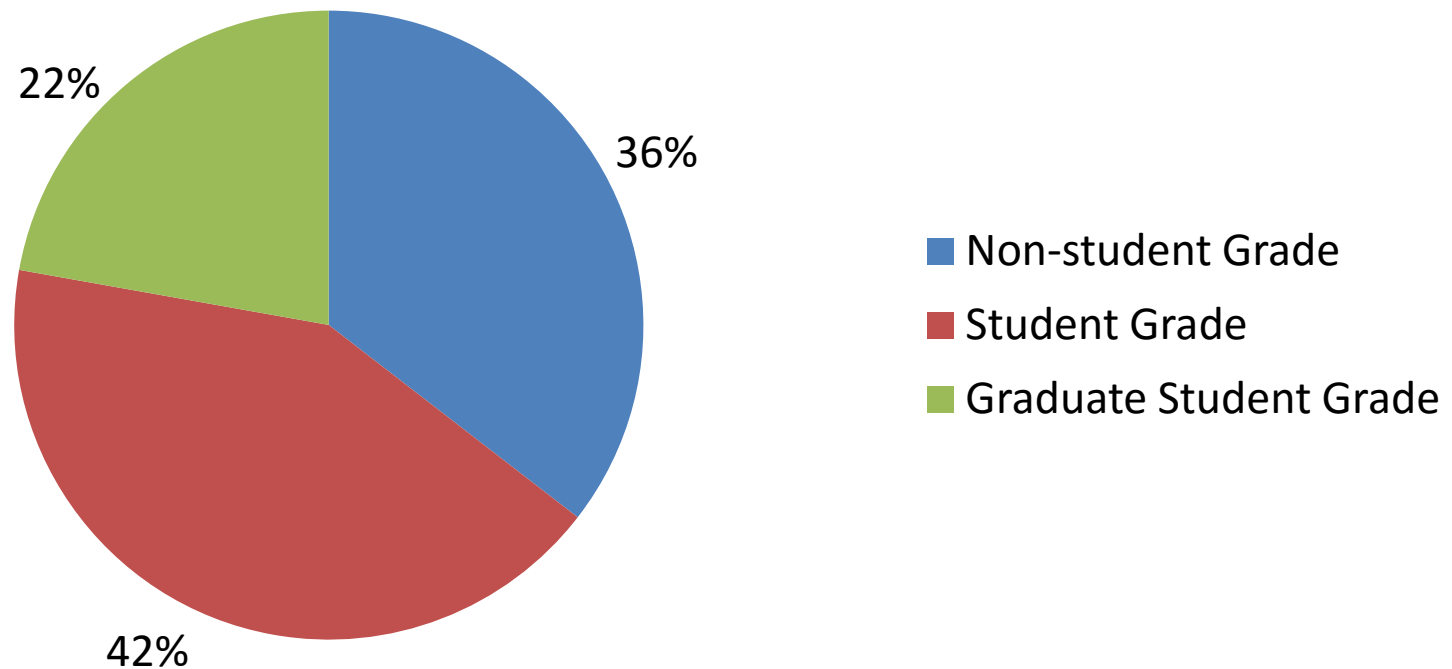


■ R1-6 ■ R7 ■ R8 ■ R9 ■ R10

Globalization: 50% of total and 79% of new members are outside North America

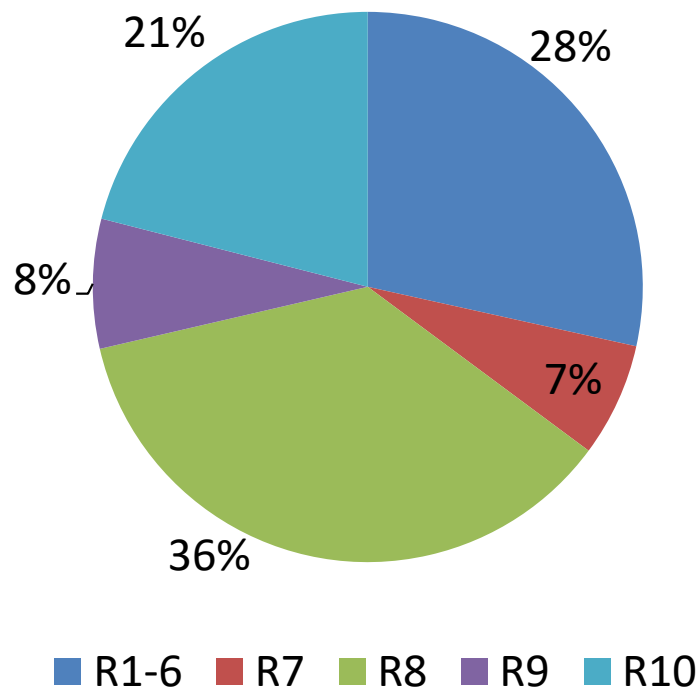
New member distribution by membership grade

2,960 new members joined IAS 2015
1,910 of them (64%) were student

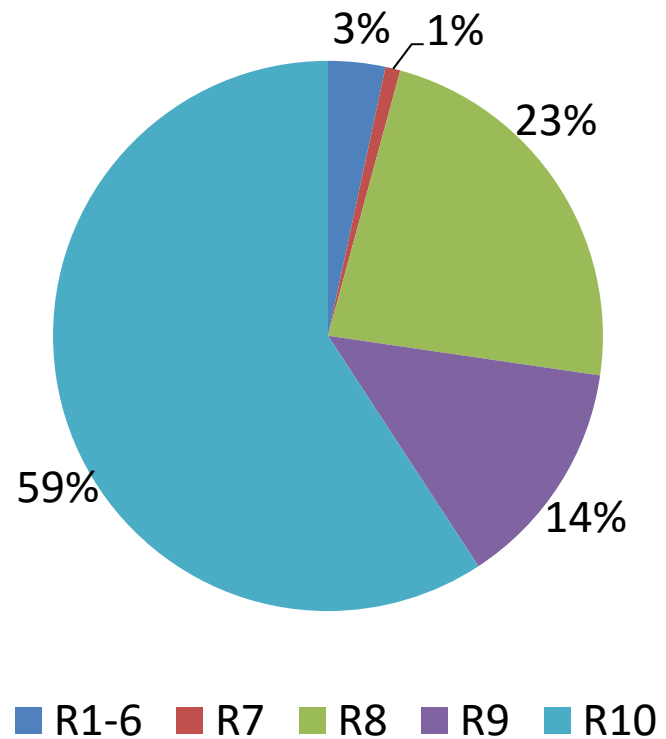


New student members 2015 (1,910 in 72 countries)

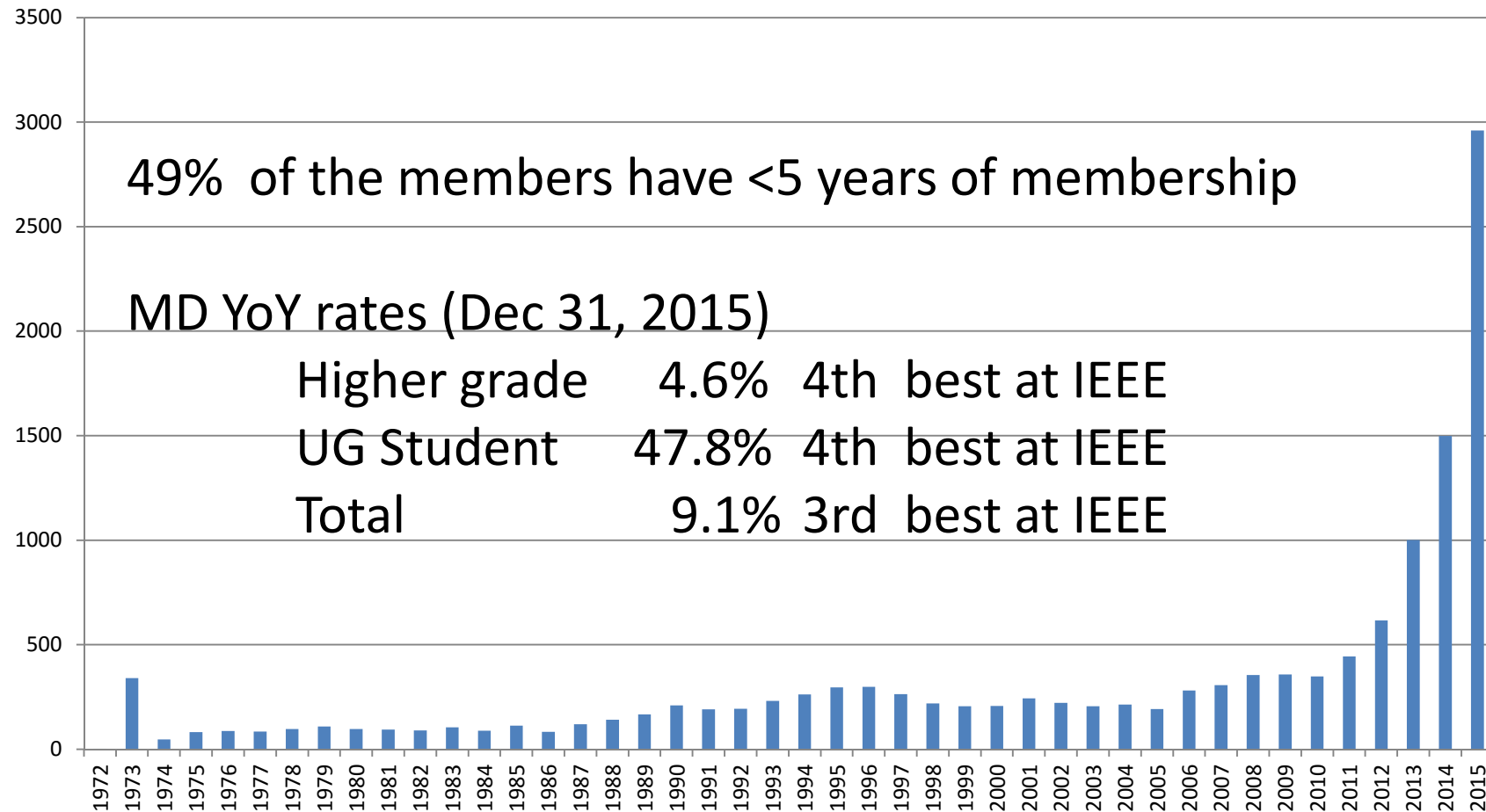
**New Graduate Students
(657)**



New Undergraduate Students (1,253)



IAS members by initial join year



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ORGANIZATION

CMD Committee Chairs

- Awards Lesley Arakkal
- Chapter Development Srikanth V.P.
- Promotion and Support Christina Malliou
- Event Organisation Aristotelis Farmakis
- Membership Development Megha Tak
- Travel Awards Beáta Polgári
- Zucker Planning Mark Halpin
- Thesis Contest Yao Yingbei
- <http://ias.ieee.org/chapters-membership/cmd-roster.html>

Chapter Area Chairs

Region

- Region 1
- Region 2
- Region 3
- Region 4
- Region 5
- Region 6
- Region 7
- Region 8
- Region 9
- Region 10 E & S-E Asia, Pacific
- Region 10 South Asia

IAS Chapter Area Chair

- Hazem Huss
- Andrew Nowotny
- Osama Mohammad
- Sunita Kulkarni
- David Eng
- Blake Lloyd
- Igor Kuzle
- Jose Correa
- Darmawan Soetanto
- Subrata Mukhopadhyay

<http://ias.ieee.org/chapters-membership/chapters-by-region.html>

Student Chapter Area Chairs

Region

- R1-3
- R4-5
- R6
- R7
- R8 Europe
- R8 Middle East and Africa
- R9 Mexico
- R9 Central America
- R9 South America
- R10 East Asia
- R10 South Asia
- R10 Southeast Asia

IAS SB Chapter Area Chair

- Ziqiao Liu
- Xin Wang
- Vahid Salehi Pour
- vacancy
- Yanni Zhong
- Habib M. Kammoun
- Jorge Ramos Ruiz
- Julio Alexander Garcia Maison
- José Duran
- Gan Zhang
- Srikanth Vasudevan P.
- Jayantika Soni

<http://ias.ieee.org/chapters-membership/chapters-by-region.html>

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CHAPTER AND MEMBER PROMOTION

CMD website

- CMD website updated and partly redesigned
 - <http://ias.ieee.org/chapters-membership/chapters-by-region.html>
- New features
 - What's going on? (CMD or Committee level meetings, pictures)
 - What's up? (webinar link)
 - How to...? (webcast session)
 - Myron Zucker page (programs and Myron Zucker bio)
 - Chapter / member statistics (part of CMD report)
 - Chapter Map and Chapter Roster (chapter location and contact)
 - Chapter Development Boom (new chapters' list)
 - Chapter Counter (current chapter numbers)
 - Chapter contest management (info and online application)
 - CMD leaflets (downloadable)
 - Financial forms (downloadable)

DL/PL Activity

2015 DL tours

Lecturer	Venue	No. Of lectures
S. Mark Halpin	R7	1
Enrique A. Tejera	R9	1
Narajan A. M.	R10	1
Sang Bin Lee	R10	3
Total		6

Nominations for 2017-18

Region	No. Of nominations
R2	2
R4	1
R7	3
R8	2
R9	1
R10	1
Total	10

Contests

Contests and Travel Awards

- Outstanding member
- Outstanding chapter
- Chapter web contest
- Most happening chapter
- Thesis contest
- Zucker Design Contest
- Zucker Travel Award
- AMTGP Award

Submission deadline / application starting date

- March 15, 2016
- March 15, 2016
- March 15, 2016
- March 15, 2016
- March 31, 2016
- March 31, 2016
- Apr 1, 2016
- Apr 1, 2016

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OUTREACH MEETINGS AND CHAPTER VISITS SINCE 2015 Q3

Meetings and visits since 2015 Q3

- Nov 12-13, 2015

Visit the University of Strathclyde SB, Glasgow, UK

– Results:

- Inaguration of the University of Strathclyde SB IAS/PELS Chapter
- Starting creation of two other chapters (Univ. of Caledonia – petition submitted, Univ of Strirling – petition in progress)
- Personal contacts, found
 - New SB Chapters Area Chair, R8 Europe
 - New IAS DL

Meetings and visits since 2015 Q3

- Nov 19-21, 2015

Visit the Frederick University SB, Nicosia, Cyprus (hosted by Taqua Khairy, CMD)

– Result: SB Chapter petition is in progress

- Nov 26-26

Chapter Meeting of the Germany Section Joint Chapter (w. Blake Lloyd)

– Result: Technical presentation

Meetings and visits since 2015 Q3

- Dec 16-23, 2015

Visit the Bangladesh Section (w. David Durocher and Mohammad Islam)

– Results:

- Inaugurated one existing SB IAS Chapter
- Visited five universities, participated in two conferences and in the meeting of the Engineer Association
- New SB chapters formed 5
- New SB chapter petitions are in progress 2
- New technical chapter petition is in progress 1

Meetings and visits since 2015 Q3

- Jan 7-11, 2016

Visit the DUTh SB IAS Chapter, Greece (w. Tony Sebastian)

– Results:

- Chapter Meeting
- Meeting with the Department Staff
- Work meetings
 - IASPass
 - Update and redesign of the CMD website

Meetings and visits since 2015 Q3

- Jan 17-19, 2016

Meeting with the Hungary Section – „Robotics Day“

– Keynote speaker - IAS Presentation

Work meeting with BUTE Chapter Bord

– Discussing the travel award process lead by Beáta Polgári, CMD Travel Committee Chair

Meetings and visits since 2015 Q3

- Jan 27-30, 2016

Visit the University of Curtin Sarawak, Miri,
Sarawak Borneo, Malaysia (w. David Durocher)

- Two-day meeting
- Technical and social events
- Results:
 - One SB IAS Chapter formed
 - Formation of one technical IAS chapter and one SB IAS chapter is in progress

Meetings and visits since 2015 Q3

- Feb 1-3, 2016

Visit the Telkom University SB, Bandung, West-Jawa, Indonesia (w. David Durocher)

– Results:

- Meeting with the Department Staff and Chapter Board
- University and laboratory tour
- We were speakers at the IEEE X-Project Grand Opening Ceremony with 760+ registered participants
- Inauguration of the Telkom University SB IAS Chapter

Inauguration of the Telkom Chapter Opening Ceremony (760+ participants)



Inauguration of the Telkom Chapter Ballon Start



Inauguration of the Telkom Chapter



Meetings, near future

- March 12, 2016

East Coast IAS Chapter Meeting

- Hosted by the City College of New York SB PES/IAS/PELS Chapter
- Results:
 - Inauguration of the CCNY SB PES/IAS/PELS Chapter
 - Technical Meeting and Chapter Workshop
 - „Get together“ and planning and training
 - Attendees
 - Chapter representatives R1-4, 7, 8
 - Area Chair R1, SB Chapters Area Chair R1-3
 - EB representatives: 4
 - IAS DL

Conference support

- Feb 19-20, 2016
 - Info desk at Power and Energy Conference at Illinois (PECI) and attendance of David Durocher
 - PEGI was hosted by the University of Urbana-Champaign SB PES/IAS/PELS Chapter
- March 6-11, 2016
 - Info desk at Electrical Safety Workshop
- March 20-24, 2016
 - Info desk at APEC 2016
 - Joint IAS/PELS YPP Reception on March 22
 - Hosted by IAS YPP Committee & PELS YPP Committee

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FUTURE ACTIVITY

Core activities 2016 Q2

- Chapter contest evaluations (March 15- Apr 30)
- Managing an effective AM travel grant process in co-operation with the AM2016 team (in progress)
- Setting-up an effective financial support and reimbursement process in co-operation with the Admin Office (in progress)
- Gaining chapter development (in progress)
 - North America
 - Central US Chapter Workshop (R4, R5)
 - West Coast Chapter Workshop (R6)
 - R-9 (Argentina, Brazil, Chile, Uruguay)
 - R-10 (China, Japan, South Asia & Pacific)

Respectfully submitted by
Peter Magyar, CMD Chair
Feb 26, 2016