

IEEE SMC ExCom Meeting

Feb, 13-14, 2016

President's Report

Dimitar Filev

Outline

- 1. SMCC Structure & Appointments**
2. State of SMC
3. Opportunities & Vision
4. Next Steps

SMC Executive Committee

President	Dimitar	Filev	2017
Jr. Past President	Ljiljana	Trajkovic	2017
Sr. Past President	Philip	Chen	2017
Vice Presidents			
• Cybernetics	Vladimir	Marik	2017
• Human-Machine Systems	Andreas	Nuernberger	2017
• Systems Science and Engineering	Rodney	Roberts	2016
• Membership and Student Activities	Imre	Rudas	2016
• Organization and Planning	Chris	Nemeth	2017
• Conferences and Meetings	Sam	Kwong	2017
• Publications	Vladik	Kreinovich	2016
• Finance	Ferat	Sahin	2016
Secretary	Mengchu	Zhou	2016
Secretary	Randy	Hoover	*2015
Treasurer	Robert	Woon	*2015

Special thanks to Rodney Roberts who continued to handle Secretary's duties during 2015-2016 transition

SMC Board of Governors

Term ending 2016

Patrick Chan
Honghai Liu
Fabio Roli
Adrian Stoica
Robert Woon

Term ending 2017

Plamen Angelov
Dmitry Goldgof
Tadahiko Murata
Shun-Feng Su
MengChu Zhou

Term ending 2018

Maria Pia Fanti
Keith W. Hipel
Okyay Kaynak
Robert Kozma
Hideyuki Takagi

EiCs of SMC Publications

- **IEEE Transactions on System, Man, and Cybernetics: Systems:**
C. L. Philip Chen : 2014-2016
- **IEEE Transactions on Cybernetics:**
Jun Wang : 2014-2016
- **IEEE Transactions on Human-Machine Systems:**
David Kaber: 2016-2018
- **IEEE Transactions on Computational Social Systems*:**
George Cybenko : 2014-2016
- **SMC Magazine**
Mo El Hawary: 2014-2016
- **SMC eNewsletter**
Mariagrazia Dotoli: 2016-2018

SMC Society Committees

- 1. Cybernetics Committee**
- 2. Human-Machine Systems Committee**
- 3. Systems Science and Engineering Committee**
- 4. Conferences and Meetings Committee**
- 5. Membership and Student Activities Committee**
- 6. Distinguished Programs Committee**
- 7. Student Activities Subcommittee**
- 8. Chapter Coordinators Subcommittee**
- 9. Industrial Liaison Committee***
- 10. Young Professionals Subcommittee**
- 11. Organization and Planning Committee**
- 12. Finance Committee**
- 13. Publications Committee**
- 14. Publications Ethics Committee**
- 15. Electronic Communications Subcommittee**
- 16. Standards Committee**
- 17. Search Committee for the Nominations Committee**
- 18. Nominations Committee**
- 19. Awards Committee**
- 20. Fellows Committee**
- 21. History Committee**
- 22. Committee on Financial Transparency**

BOG Members: *Leadership Engagement*

Term ending 2016

- Patrick Chan: *Conference & Meetings*
- Hinghai Liu: Technical Activities: Human-Machine Systems; Publications
- Fabio Roli: Cybernetics;
- Robert Woon: Treasurer, Finance Committee
- Adrian Stoica: Membership

Term ending 2017

- Plamen Angelov: Cybernetics; Conferences
- Dmitry Goldgof: Publications
- Tadahiko Murata: Organization and Planning; Cybernetics;
- Shun-Feng Su: Membership
- Mengchu Zhou: BOG Secretary, Organization and Planning; Publications

BOG Members: *Leadership Engagement* *TBD – Feb, 2016*

Term ending 2018

- Maria Pia Fanti
- Keith W. Hipel
- Okyay Kaynak
- Robert Kozma
- Hideyuki Takagi

Please send me by e-mail your preferred committee and role in the SMCS leadership

Appointments

BOG Approved Appointments

- Finance – Ferat Sahin - 2016
- Secretary – Mengchu Zhou – 2016

Ad hoc Appointments (by the President)

- Irv Engelson – BOG / ExCom Advisor - 2016

IEEE Councils and Committees: Appointments

- **Big Data Initiative Committee Representative**

Michael Berthold <Michael.Berthold@uni-konstanz.de> (term 2015)

- **Biometric Council Society Representative**

Yong Xu <yongxu@ymail.com> (term 2014-2015)

- **IEEE Brain Initiative**

Jose Carmena <jcarmena@berkeley.edu> (term 2015)

Michael Smith <m.h.smith@ieee.org> (term 2015)

- **IEEE/CAA Journal of Automatica Sinica Steering Committee**

Ljiljana Trajkovic <ljilja@sfu.ca> (term 2014-2015)

- **IEEE Cloud Computing Steering Committee**

Liping Fang <lfang@ryerson.ca> (term 2015)

IEEE Councils and Committees: Appointments

- **IEEE Digital Senses Initiative**

Honghai Liu <honghai.liu@icloud.com> (term 2015)

Tadahiko Murata <murata@kansai-u.ac.jp> (term 2015)

- **IEEE Internet of Things Initiative**

Maria Pia Fanti <mariapia.fanti@poliba.it> (term 2016)

- **IEEE Press Liaison**

Mengchu Zhou <mengchu.zhou@njit.edu> (term 2015)

- **Nanotechnology Council AdCom Representatives**

Kao-Shing Hwang <hwang@ccu.edu.tw> (term 2015)

Ching-Chih Tsai <cctsai@nchu.edu.tw> (term 2015-2016)

IEEE Councils and Committees: Appointments

- **Region 8 Chapter Coordination Committee**

Enrique Herrera Viedma <viedma@decsai.ugr.es> (term 2015)

Imre J. Rudas <rudas@uni-obuda.hu> (secondary, term 2015)

- **RFID Council Representatives**

William A. Gruver <gruver@sfu.ca> (term 2014-2015)

Ken Tam <kentam@umac.mo> (term 2015)

- **Smart Grid Representative**

Loi Lei Lai <l.l.lai@ieee.org> (term 2015)

- **Society on Social Implications of Technology BOG Delegate**

Michael Smith <m.h.smith@ieee.org> (term 2015)

- **Standards Association Liaison**

William Lumpkins <xillia@yahoo.com> (term 2014-2015)

- **IEEE Environmental Engineering Initiative**

Ni-Bin Chang <nchang@ucf.edu> (term 2015-2016)

IEEE Councils and Committees: Appointments

- **Systems Council AdCom Representatives**

Rodney Roberts <rroberts@fsu.edu> (term 2016-2017)

Mengchu Zhou <mengchu.zhou@njit.edu> (term 2016-2017)

- **Transactions on Affective Computing Steering Committee Representatives**

Goutam Chakraborty <goutam@iwate-pu.ac.jp> (term 2016-2018)

Weiming Shen <Weiming.Shen@nrc-cnrc.gc.ca> (term 2016-2018)

- **Transactions on Big Data Steering Committee Representative**

C. L. Philip Chen <Philip.Chen@ieee.org> (term 2016-2017)

- **Women in Engineering Liaison**

Ljiljana Trajkovic (ljilja@cs.sfu.ca) (term 2016)

- **IEEE Author Education Initiative - Author Education Liaison**

Ngoc-Thanh Nguyen <Ngoc-Thanh.Nguyen@pwr.edu.pl> (term 2016)

- **2016 Technical Activities Programs on Ethics**

Chris Nemeth Chris Nemeth <cnemeth@ara.com>

Outline

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2. **State of SMC**
3. Opportunities & Vision
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State of SMC Society: *2015 Summary*

- Three specialized transactions covering the main fields of interest of SMCS members, joint Trans. on CSS, Magazine, eNewsletter, professional website
- Over 50 technical committees, and over 45 sponsored conferences every year
- Strong financial position
 - Positive balance sheet with potential to funding SMC activities
 - [\\$238,000 for Initiatives in 2016](#)
 - \$68,000 Outreach Fund
 - SMC Awards funded through SMC Foundation
- Leadership role in the Brain and the Smart Grid Initiatives of IEEE
- Established the BMI as an SMC trade mark
- ...

**This part of the presentation to be
continued by the reports of ExCom
members**

**... but always there is room for
improvement ...**

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Opportunity: *Stabilizing and Growing SMCS Membership*

- Apply aggressively all traditional forms: advertisements, eNotices, and conference drives for new members **(VP-Membership)**
- Increase the number of summer schools, support for young scientists & students, webinars, tutorials **(VP-Membership)**
- Promote the Outreach Funding process **(VP-Finance)**
- Improve the effectiveness of the DL and Ambassador programs **(VP-Membership)**
- Rise the professional reputation of the Society
 - Rising standards for conference acceptance rates, publications Impact Factors, new Fellows **(VP-Conferences and Meetings, VP-Publications, Sr. Past President)**
 - Highly selective and open nomination process (BOG, TC, DL) with focus on professional qualities of nominees **(Jr. Past President)**
 - Growing and identifying new leaders at all levels - ExCom, BOG, TCs, DLs **(President, Jr. Past President)**

Summary of the 2016 Initiatives

Initiative	2016	Submitter Name
Smart Village	\$10,000	Ljiljana Trajkovic
Student Travel Support	\$20,000	Ljiljana Trajkovic
Podcast	\$500	Rodney Roberts
SMCS Affiliated University network	\$25,000	Imre Rudas
MOOC for technical Activities	\$50,000	Imre Rudas
SMC Junior (Budapest)	\$25,000	Imre Rudas
Outreach Fund	\$68,000	Dimitar Filev
Podcast	\$3,500	Chris Nemeth
Young Professionals Travel	\$20,000	Dimitar Filev
Summer School @ IS'2016	\$4,000	Vladimir Marik
IEEE History Fund	\$5,000	Ljiljana Trajkovic
TOTAL	\$238,000	

[Outreach Fund Objective: Provide financial resources for projects that will benefit SMC community in general](#)

Opportunity: *Growing SMC Society*

- Plan SMC conferences, events, and new chapters with a focus on
 - Sustaining our strength in the existing grounds (US, Canada, China, UK)
 - Improving our presence and activities in all geographic regions (e.g., India, Brazil, Eastern Europe, Australia, Africa) **(VP-Conferences and Meetings, VP-Membership)**
- Use ExCom meetings to promote SMCS (consider ExCom meetings combined with lecture series / tutorials) **(President)**
- Ensure active participation of BOG members in SMC conferences (*reimbursement for BOG meeting travel with a submitted paper*) **(President)**
- Promote balanced representation of all areas (S, H, C) and geo regions on the BOG and TCs leadership **(Jr. Past President)**
- Effectively use the SMC awards to reward volunteers through a broad selection process, incl. TCs **(Sr. Past President)**

Opportunity: *Quality & Effectiveness of SMC Publications*

- Focus on improving the IFs, reduction backlogs, improving timeliness of SMCS publications – highest priority of SMC publications **(VP-Publications)**
- Improve page budget planning to minimize and stop adding extra pages at the end of the year **(VP-Publications)**
- Link publications page budget to income/page **(VP-Publications, VP-Finance)**
- Condition the renewal of EiC appointments to performance – IF, timeliness, and page budget management **(VP-Publications)**
- Consider proposals for new transactions in emerging areas to support the growth of the Society **(VP-Publications)**

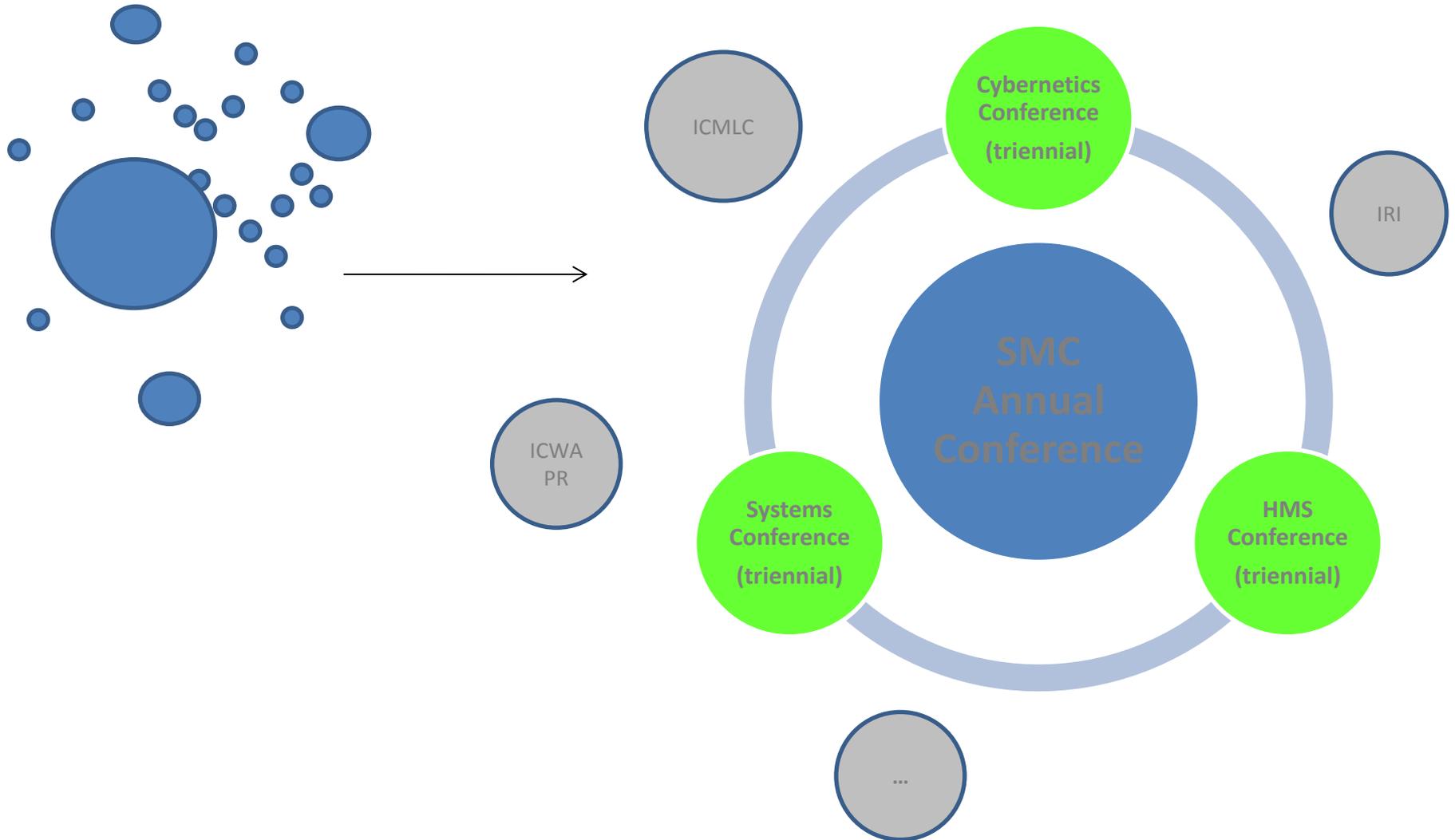
Opportunity: *Improving Effectiveness of Technical Activities*

- Encourage the TCs to participate and take proactive role in the IEEE initiatives **(VP-Technical Affairs)**
- Review all TCs and strictly apply the term limits per the TC manual **(VP-Technical Affairs)**
- Establish regular open calls based process for election of TC chairs **(VP-Organization and Planning)**
- Expand collaboration and partnership with other similar professional organizations beyond IEEE such as AAAI, INCOSE, and HFES **(VP-Technical Affairs)**
- Revisit the Industrial Liaison Committee and identify a dedicated leader **(VP-Membership)**
- Eliminate COI cases – TC chairs, conference organizers, etc. **(President)**

Opportunity: *Growing SMC Technical Activities*

- Promote SMCS leadership role in Human-Machine Systems area **(VP-HMS)**
- Expand SMC activities towards social, behavioral, life sciences, and other soft sciences **(VP-HMS)**
- Expand SMCS traditional focus areas towards emerging research fields, e.g. brain modeling, autonomous systems, social networks, etc. **(VP-Technical Affairs)**
- Revive and extend the data mining based process of identifying emerging technical trends **(VP-Technical Affairs)**
- [Establish triennial conferences on S, H, and C](#) **(VP-Technical Affairs)**
- Establish a Technical Affair Committee to coordinate technical activities **(President, VP-Organization and Planning)**

Streamlining SMC conferences and enhancing the their quality



Strong emphasis on acceptance rate

Opportunity: *Effective ExCom & BOG Operations*

- Focus OPC on planning, creating metrics, and regularly monitoring the plans against the metrics; Minimize changes in the bylaws (**VP-Organization and Planning**)
- Link decision on re-nominations of ExCom members to their performance against the plan (**Jr. Past President, President**)
- Improve nominations process by introducing succession planning for ExCom & BOG positions (**Jr. Past President**)
- Establish a process of strict monitoring & control of spending on initiatives, publications, conferences, & travel (**VP-Finance**)
- Improve effectiveness of ExCom meetings by focusing on critical topics – plans, quality, performance, & budget (**President, Secretary**)
- ***Decentralize ExCom operations by empowering and increasing accountability of the VPs, BOG members, and Committees, i. e. minimize micromanagement but avoid anarchy*** (**President, Secretary**)

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Next Steps

- VPs are expected to update and finalize their annual plans and submit them by Feb 29 to the VP for Organization and Planning, who shall prepare the Annual Plan of SMCS and submit it to the BoG for approval
- VP for Organization and Planning shall update the Five-Year Plan of the SMCS. The updated Five-Year Plan shall be submitted to the BoG for approval
- On-line BOG meeting to approve both plans is scheduled for the 3d Thu of March (March 17)
- Following BoG approval, the updated Five-Year Plan shall be forwarded by the VP-Organization and Planning to IEEE Headquarters by March 30.

From Today's TAB Meeting

In response to BoD proposed changes in the Constitution and BoD structure and Ljiljana's proposal for S/C feedback

- Review IEEE President's proposal
- Provide feedback and proposals to Ljiljana
- Ljiljana to summarize SMCS opinions and proposals and present at the next TAB meeting in June