

Candidate for R8 VC Member Activities

Peter Magyar

Personal information

Personal and professional path

- ▶ Hungarian origin, German citizen, retired

- ▶ Budapest University of Technology and Economics, Hungary, 1967-91
 - Dipl. Eng. of Electrical Engineering 1967
 - Promotion, Dr. Tech 1975
 - Staff member 1967-91
 - Education, research and industrial R&D
 - Senior research associate, Head of Laboratory of Digitally Controlled Electrical Drives

- ▶ Industrial and professional jobs, Germany, 1991-22
 - Head of Development Departments positions (1991-04) in the field of
 - Electrical machines, Power electronics, Automobile driver assistance systems
 - Corporate R&D Consultant, 2005-09
 - Expert Evaluator of the European Commission, 2001-22

IEEE path and major fields of activities

IEEE Germany Section, Region 8, Industry Applications Society (IAS)

► IEEE

- M'91, SM'04, F'07, LF'18

► Chapter related activities, 1997-24

- Germany Section IAS/PELS/IES Chapter: founder member, secretary, vice chair, chair (1997-04)
- **Chapter Coordinator, Germany Section, multiple terms in 2005-24**
- **R8 Chapter Coordination Subcommittee, Member 2007-08, Chair 2009-10**

► Executive Board Member of the Industry Applications Society, 2005-21

- Chair of Inter-Society Committee, 2006-08
- Chair of multiple Committees (Award, YP Initiatives), Member Fellow Committee, 2016-21
- **Chair of Chapters and Membership Development Department, 2009-18**
- **Director of Chapter Development, 2019-21**

► Life Member activity, 2021-24

- **R8 Life Member Coordinator, Chair of R8 LM Committee**
- **R8 Coordinator, IEEE Life Members Committee**



Major IEEE expertise, IAS

*13 years of experience in conjunction with **Members, Students and YPs worldwide***

► Chair of IAS Chapters and Membership Development Department 2009-18

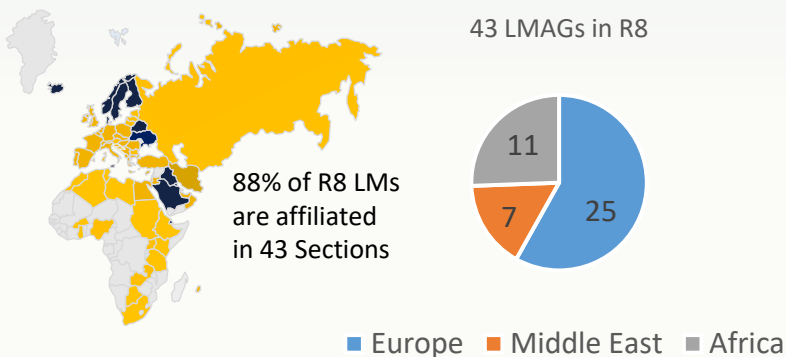
► IAS Director of Chapter Development 2019-21

- Developed a one-man department to the largest one at IAS
- Formed and led 10..12 Committees
- Introduced and conducted broad Student and YP contests
- Initiated student-led IEEE conference series worldwide
- Organized 20...60 Workshops with up to 220 participants worldwide
- Formed ~70 regular and ~320 SB Chapters
- Achieved 50% development rate of Society membership
- Managed up to \$400k financial funds p.a.

Major IEEE expertise, R8

Four years of additional experience in conjunction with Sections in Region 8

► R8 Life Member Coordinator, 2021-24



- Reorganized and activated the existing 14 LMAGs in 2021
- Formed 29 new LMAGs in four years
 - 26 with single Sections
 - 2 with three Joint Sections each
 - 1 Africa Council LMAG with 10 Sections and 7 Sub-Sections
 - 88% of the R8 LMs are connected to LMAG
 - The R8 LMAG group has become the largest LMAG regional group
- Organized Joint LM and HA Workshops
- Supported SYP Events and Student Technical Conferences

Major Awards

IEEE volunteer - Professional engineer

▶ Recipient of the Distinguished Inventor Award in Category Gold

- 1985, 1986, 1987, 1989
- Awarded by Ministry of Industry, Hungary
- „For Appreciation of Continuous Inventor Activity“



▶ IEEE IAS Distinguished Service Award

- 2006
- „In Recognition of the Dedication and Distinguished Service to the IEEE Industry Applications Society“



▶ IEEE Fellow

- 2007
- „For Contributions to Digital Control of Electrical Drive Systems“



Mission and Vision Statements

„IEEE belongs not only to the Officers but also to the Members“

► Mission

- Region 8 as the geographically largest and most diverse IEEE region is one of the basic columns of IEEE.
- Its importance is characterized by the high-level and professional academia – industry linked activities which cannot exist without active volunteers in all membership categories.
- The goal of member activities is providing activity platforms, selecting leaders and involving the big majority of Members by encouraging and supporting them.

► Vision

- Being elected
-I will continue supporting the member needs and enhancing the membership development of Region 8.
-I will support the professional, social and leadership activities of Members in Sections, Chapters, Student, YP and Affinity Groups.
-I will support the cross co-operation between technical and and geographical organization units for strenghtening the transnational character of Region 8.
-I will support the development of the next leadership generation.

Thank you for your kind attention

Peter Magyar