



50th Anniversary of PEMC Conference Series

19th IEEE-PEMC

Gliwice, Poland

25-29.04.2021

Power Electronics and Motion Control

History of PEMC (1970 – 2020)

Marian P. Kazmierkowski
Warsaw University of Technology, Poland

Viliam Fedák
Technical University Kosice, Slovakia

History of PEMC

Outline

- **Conferences before founding the PEMC Council** 1970 – 1996
- **Founding of the PEMC Council** 2 Sept.1996
- **Conferences PEMC** 1970 – 1998
- **Agreement with EPE Association** 1998
- **Conferences EPE-PEMC** 2000 – 2012
- **Agreement with IEEE** 2016
- **Conferences IEEE-PEMC** since 2016
- **PEMC Awards** 1996 – 2021
- **PEMC Chairmen** 1970 – 2021
- **Posters from PEMC Conferences**





History of PEMC

Time before founding the PEMC Council

- **PEMC'70** – Budapest, Hungary Chair: **Prof. Istvan Rácz**
 - **1st PEMC'73** – Budapest, Hungary Chair: **Prof. Istvan Rácz**
 - **2nd PEMC'77** – Budapest, Hungary Chair: **Prof. Istvan Rácz**
 - **3rd PEMC'81** – Budapest, Hungary Chair: **Prof. Istvan Nagy**
 - **4th PEMC'85** – Budapest, Hungary Chair: **Prof. Istvan Nagy**
 - **5th PEMC'90** – Budapest, Hungary Chair: **Prof. Istvan Nagy**
 - **6th PEMC'94** – Warsaw, Poland Chair: **Prof. Wlodzimierz Koczara**
-
- **7th PEMC'96** – Budapest, Hungary Chair: **Prof. Istvan Nagy**

Founding the PEMC Council during PEMC'96

Prof. Istvan Nagy:

2 September 1996

- invited representatives from small and middle sized countries
- In order to form a group under the banner of PEMC for promoting interest of the PEMC countries in the international arena
- One of the main objectives – the integration of the regions into Europe and world community.

Originally proposed field of cooperation:

- Organisation of PEMC Conferences, Symposia, Workshops, Tutorials, Exhibitions
- Supporting these events by joint applications for funding
- Promoting positions of the members in International Technical Organisations (EPE, IEEE)
- Joint research projects and applications for funding and joint venture in education, etc.

The PEMC Council Foundation Members

2 September 1996

Prof. Istvan Nagy (chair) and the following **Founding Members**:

	Austria:	H. Kleinrath , invited also: J.W. Kolar, F.C. Zach
	Czech Republic:	Z. Čeřovský, J. Pavelka
	Hungary:	S. Halász, P. Korondi, K. Veszprémi
	Italy:	S. Bolognani, G. Buja
	Poland:	M. P. Kazmierkowski, W. Koczara, M. Tondos
	Slovakia:	V. Fedák , invited also: J. Timko
	Slovenia:	K. Jezernik

Conference
chairs:

EPE-PEMC'98

PEMC'18

PEMC'94

EPE-PEMC'00

EPE-PEMC'04

History of PEMC

The PEMC Council Main Goal

**The main goal of the PEMC-Council
is to keep organizing International Conferences
in the field of Power Electronics and Motion Control
circulating in Europe as a direct continuation
of a conference series in the field
starting in Budapest in 1970.**

PEMC conference topics

- ❑ Power Electronic Converter Topologies, Design and Control
- ❑ Power Electronics in Transportation
- ❑ Power Electronics in Smart Grid Technologies, Applications and Policies
- ❑ Power Electronics in El. Energy Generation, Transmission and Distribution
- ❑ Power Electronics in Renewable Energy Systems, Power Supplies
- ❑ Electrical Machines and Actuators
- ❑ Motion Control, Adjustable Speed Drives
- ❑ Robotics, Mechatronics
- ❑ Sensors, Measurement and Observation Techniques
- ❑ Active Filtering and Unity Power Factor Correction
- ❑ Semiconductor Devices Modeling, Packaging and Integration
- ❑ Education
- ❑ Other Related Topics

History of PEMC

Agreement with EPE – the EPE-PEMC series

- **8th PEMC'98** – Prague, Czech Republic Chair: **Prof. Zdeněk Čeřovský**



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- In Prague the Agreement about Co-operation between the Executive Council of the EPE Association (European Power Electronics) with the headquarters in Brussels and PEMC Council in Budapest was signed. This was the start of the EPE-PEMC conference series.

History of PEMC

the EPE-PEMC Conferences

- **9th EPE-PEMC'00** – Kosice, Slovakia, Chair: **Prof. Viliam Fedák**
- **10th EPE-PEMC'02** – Dubrovnik, Croatia, Chair: **Prof. Drago Ban**
- **11th EPE-PEMC'04** – Riga, Latvia, Chair: **Prof. Leonids Ribickis**
- **12th EPE-PEMC'06** – Portoroz, Slovenia, Chair: **Prof. Karel Jezernik**
- **13th EPE-PEMC'08** – Poznan, Poland, Chair: **Prof. Krzysztof Zawirski**
- **14th EPE-PEMC'10** – Ohrid, Macedonia, Chair: **Prof. Slobodan Mircevski**
- **15th EPE-PEMC'12–ECCE Europe** Novi Sad, Serbia, Chair: **Prof. Vladimir Katic**

History of PEMC

PEMC Conference

In 2013, the EPE signs an agreement with IEEE PELS for organization of joint conferences in Europe. After much discussion, the PEMC Council decides not to sign this tripartite agreement.

In this way, the EPE logo disappears from the PEMC conference.



■ **16th PEMC'14** – Antalya, Turkey

Chair: **Prof. Ilhami Colak**

History of PEMC

Agreement with IEEE – IEEE-PEMC series

IEEE technical societies co-sponsored PEMC conferences:

IEEE IES since 1998 and **IEEE PELS since 2008**. Since 2016 the PEMC adopted the IEEE-PEMC logo expressing support of IEEE services.



■ **17th IEEE-PEMC'16** – Varna, Bulgaria,

Co-Chairs: **Prof. I. Yatchev**
and **Prof. Stanimir Valtchev**

■ **18th IEEE-PEMC'18** – Budapest, Hungary,

Chair: **Prof. Péter Korondi**

■ **19th IEEE-PEMC'20** – Gliwice, Poland,

Chair: **Prof. Mariusz Stepień**

EPE-PEMC Awards Committee

EPE-PEMC Awards Committee (2000–16)

- **Prof. Marian P. Kazmierkowski**, Poland Chair
- **Prof. Zdeněk Čeřovský**, Czech Republic Member
- **Prof. Sandor Halász**, Hungary Member
- **Prof. Viliam Fedák**, Slovakia Member

IEEE-PEMC Awards Committee (since 2016)

- **Prof. Lech Grzesiak**, Poland Chair
- **Prof. Viliam Fedák**, Slovakia Vice-chair
- **Prof. Ilhami Colak**, Turkey Member
- **Prof. B. Nahid-Mobarakeh**, France Member
- **Prof. Stanimir Valtchev**, Bulgaria Member

History of PEMC

EPE-PEMC Council Awards



Prof. Frede Blaabjerg (right), 2010 laureate of the “EPE-PEMC Achievements Award”

From left:

Prof. G. Arsov, EPE-PEMC 2010 Tech. Program Chair;
Prof. M. Jufer, Past President of the EPE Association;
Prof. I. Nagy, Chairman of the EPE-PEMC Council
Prof. M. P. Kazmierkowski, Chair of the EPE-PEMC
Award Committee

14th EPE-PEMC'10, Ohrid, Macedonia

History of PEMC

Prof. Istvan Nagy Award

This is the highest PEMC award proposed bi-annually for the lifetime achievements and contributions.

Prof. Istvan Nagy, the research professor at the Budapest University of Technology, Hungary, was one of the key founders of PEMC and driving force behind the PEMC conference series.



History of PEMC

PEMC Council Awards

PEMC'96 Budapest



Prof. Werner Leohard,
Germany

PEMC'98 Prague



Prof. Sakae Yamamura,
Japan

EPE-PEMC'00 Košice



Prof. Paolo Ferraris,
Italy

EPE-PEMC'00 Košice



Prof. Eisuke Masada,
Japan

EPE-PEMC'02 Dubrovnik



Prof. John Kassakian,
USA

EPE-PEMC'02 Dubrovnik



Prof. Ion Boldea,
Romania

EPE-PEMC'04 Riga



Prof. Dushan Boroyevich,
USA

EPE-PEMC'04 Riga



Prof. Kouhei Ohnishi,
Japan

EPE-PEMC'06 Portorož



Prof. Robert D. Lorenz,
USA

EPE-PEMC'06 Portorož



Prof. Rik De Doncker,
Germany

History of PEMC

PEMC Council Awards

EPE-PEMC'08 Poznań



Prof. Thomas G. Habetler,
USA

EPE-PEMC'08 Poznań



Prof. Atsuo Kawamura,
Japan

EPE-PEMC'10 Ohrid



Prof. Thomas A. Lipo,
USA

EPE-PEMC'10 Ohrid



Prof. Frede Blaabjerg,
Denmark

EPE-PEMC'12 Novi Sad



Prof. Tore M. Undeland,
Norway

EPE-PEMC'12 Novi Sad



Prof. Grahame D. Holmes,
Australia

EPE-PEMC'14 Antalya



Prof. Fred Lee,
USA

EPE-PEMC'14 Antalya



Prof. Eric Monmasson,
France

IEEE-PEMC'16 Varna



Prof. Johann Kolar,
Switzerland

IEEE-PEMC'16 Varna



Prof. Bogdan M. Wilamowski,
USA

History of PEMC

Istvan Nagy Awards (since 2018)

IEEE-PEMC'18 Budapest



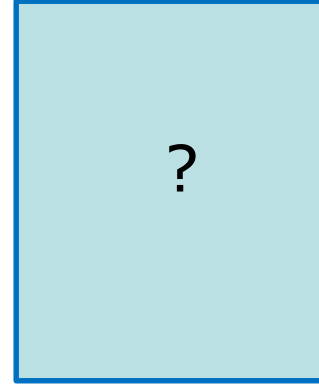
**Prof. Jaeho
Choi,
South Korea**

IEEE-PEMC'18 Budapest

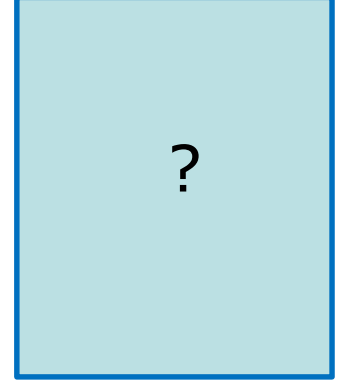


**Prof. Emil
Levi,
United Kingdom**

IEEE-PEMC'20 Gliwice



IEEE-PEMC'20 Gliwice



History of PEMC

Chairmen of PEMC Conferences

PEMC'70, 73, 77
Budapest



Prof. Istvan Rácz,
Hungary

PEMC'81, 85, 90, 96
Budapest



Prof. Istvan Nagy,
Hungary

PEMC'94
Warszaw



Prof. Włodzimierz Koczara,
Poland

PEMC'98
Prague



Prof. Zdeněk Čeřovský,
Czech Republic

EPE-PEMC'00
Košice



Prof. Viliam Fedák,
Slovakia

EPE-PEMC'02
Dubrovnik



Prof. Drago Ban,
Croatia

EPE-PEMC'04
Riga



Prof. Leonids Ribickis,
Latvia

EPE-PEMC'06
Portorož



Prof. Karel Jezernik,
Slovenia

History of PEMC

Chairmen of PEMC Conferences

EPE-PEMC'08 Poznan



Prof. Krzysztof Zawirski,
Poland

EPE-PEMC'10 Ohrid



Prof. Slobodan Mircevski,
Macedonia

EPE-PEMC'12 Novi Sad



Prof. Vladimir Katić,
Serbia

EPE-PEMC'14 Antalya



Prof. Ilhami Colak,
Turkey

IEEE-PEMC'16 Varna



Prof. Stanimir Valtchev,
Bulgaria

IEEE-PEMC'18 Budapest



Prof. Péter Korondi,
Hungary

IEEE-PEMC'20 Gliwice



Prof. Mariusz Stepień,
Poland

1st – 5th PEMC Conferences, Budapest, Hungary



PEMC'70, 73, 77
Prof. Istvan Rác
 BMGE Budapest



PEMC'81, 85, 90
Prof. Istvan Nagy
 BMGE Budapest





EPE - PEMC CONFERENCE SERIES



Hungary, Budapest
 where the PEMC Conference series started in 1970.
 Initiated, chaired by **Prof. Dr. I. Rác**, organised by the **Hungarian Electrotechnical Association**.

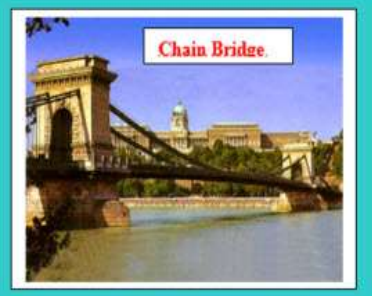


Budapest University of Technology

Conference sites



Budapest today



PEMC'70



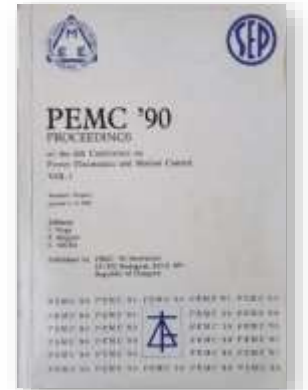
PEMC'73



PEMC'73



PEMC'90



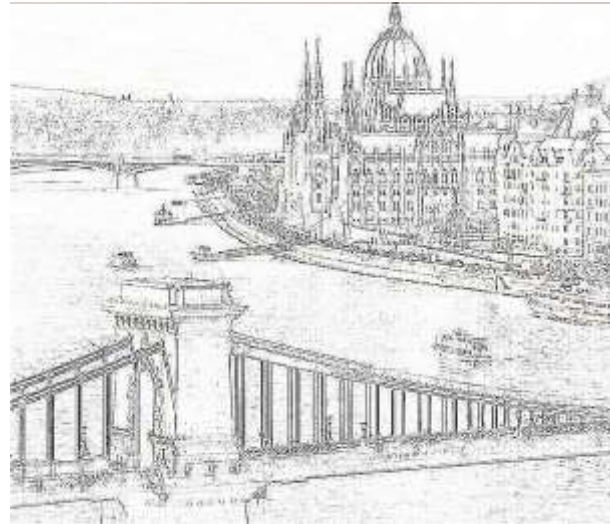
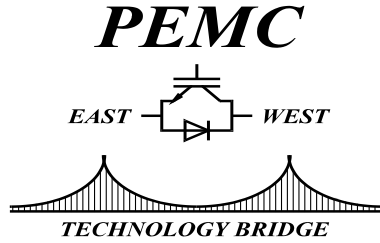
1st – 5th PEMC Conferences, Budapest, Hungary



PEMC'70, 73, 77
Prof. Istvan Rác
 BMGE Budapest



PEMC'81, 85, 90
Prof. Istvan Nagy
 BMGE Budapest



EPE - PEMC CONFERENCE SERIES

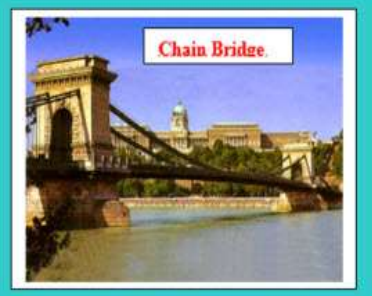
Hungary, Budapest
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Conference sites



Budapest today



PEMC'70



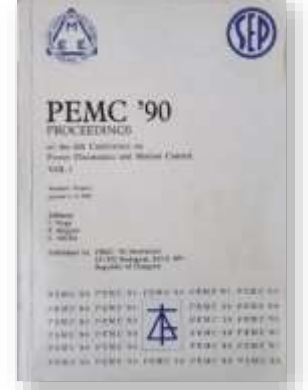
PEMC'73



PEMC'73



PEMC'90



6th PEMC'94, Warszawa, Poland

20 – 22 September 1994



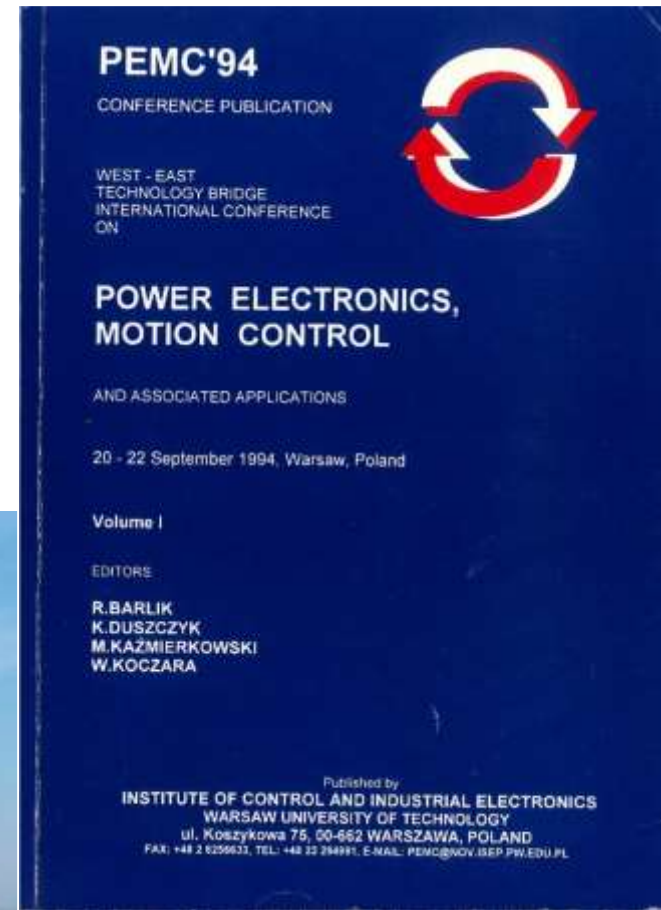
Chairman

**Prof. Włodzimierz
Koczara**
Warszaw WUT

252 papers
403 participants
40 countries



Conference
venue



Old town
in Warszawa



Palace of Culture
and Science

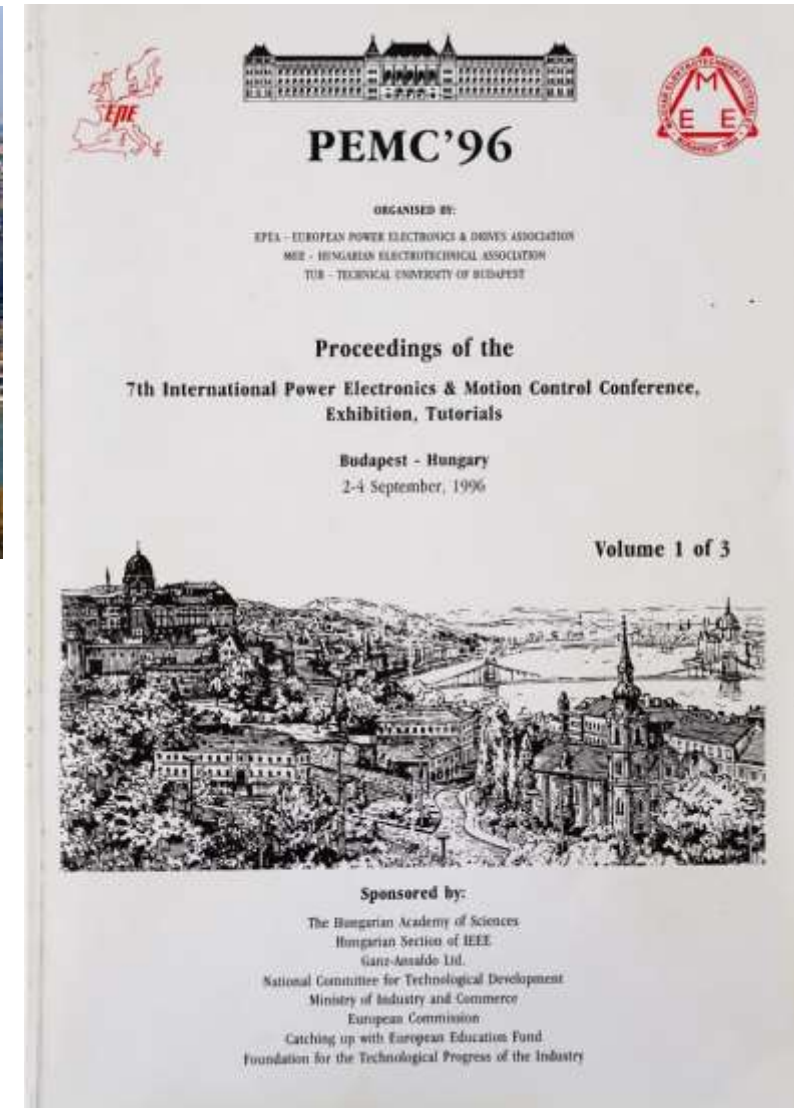
7th PEMC, Budapest, Hungary

2–4 September 1996



Chairman
Prof. Istvan Nagy
BMGE Budapest

Foundation of the PEMC Council
Mon, 2 Sept. 1996, 12:30-15:00



8th PEMC'98 Prague, Czech Republic

8-10 September 1998

Chairman

Prof. Zdeněk Čeřovský,
CTU Prague

311 papers
407 participants



THE 10th ANNIVERSARY of EPE-PEMC CONFERENCE SERIES



International Power Electronic and Motion Control Conference
8-10 September, 1998, Prague, Czech Republic

PEMC '98

8th Conference of the PEMC series

Conference Organizers

CZECH TECHNICAL UNIVERSITY IN PRAGUE
FACULTY OF ELECTRICAL ENGINEERING
DEPARTMENT OF ELECTRIC DRIVES AND TRACTION

Technická 2
196 27 Praha 6
Czech Republic

Conference Chairman

Prof. Ing. Zdeněk Čeřovský, DrSc.



Conference Sessions

Power Semiconductor Devices
Electromagnetic Compatibility
Power Conversion
Electric Motors
Motor Control
Motion Control
Analysis of Simulation
Applications
Last Minute Papers

International Steering
Committee

A. M. Hameed (USA)
B. Kuvshinov (CZ)
C. M. Kozlowski (PL)
D. M. Szefer (CZ)
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W. Knapik (PL)
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International Publicity
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A. Kuvshinov (CZ)
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National Organizing
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Z. Kuvshinov (CZ)

Conference Attendees
407

Conference Papers
311

Agreement between EPE and PEMC
conference series was signed in Prague.

Photos from Prague



Czech Technical University in Prague (1707)



Hradčany - Prague Castle and Charles Bridge (1307)



Charles University in Prague (1348)



National Museum on Wenceslas Square (1885)



Petřín Lookout Tower (1897)



Čerterba



Prague Television Tower (1992)



Old Town Square (11th century)



Vyšehrad Castle (11th century)



St. Nicholas Church (1752)



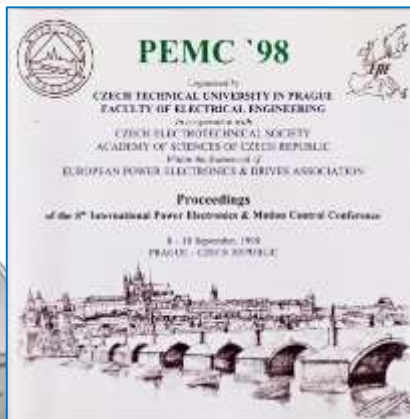
The Lento (1736)



Strahov Monastery (1162)



Bethlehem Chapel (1381)



9th EPE-PEMC'00, Košice, Slovakia

5-7 September 2000

Chairman

Prof. Viliam Fedák,
TU Košice

285 papers
370 participants
55 countries



THE 50th ANNIVERSARY OF EPE-PEMC CONFERENCE SERIES



9th International Conference on
POWER ELECTRONICS and MOTION CONTROL

EPE - PEMC '2000 Košice

5 - 7 September 2000, Košice, Slovak Republic



Statistics:
285 scientific papers
370 participants from
55 countries



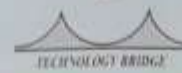
EPE-PEMC Council Awards '2000



POWER ELECTRONICS and MOTION CONTROL

EPE-PEMC 2000
Košice

PEMC



5-7 September 2000, Slovak Republic



9th EPE-PEMC'00, Košice, Slovakia



Conference preparation:

- On site visit
- Inspection by:
PEMC council and
EPE Association
representatives
- Reviewing of papers

10th EPE-PEMC'02, Dubrovnik, Croatia

9–11 September 2002



Chairman
**Prof. Drago
Ban,**
Uni Zagreb

389 papers
580 participants
54 countries



THE 50th ANNIVERSARY OF EPE-PEMC CONFERENCE SERIES

Welcome to
**10th International POWER ELECTRONICS
and MOTION CONTROL Conference**

EPE-PEMC 2002 Cavtat & Dubrovnik

9-11 September 2002
Cavtat & Dubrovnik, CROATIA
Hotel CROATIA, Cavtat
<http://www.fer.hr/epe-pemc2002>

Logos: EPE (European Power Electronics and Drives Association), KoREMA (Croatian Society of Power Electronics), FER (Croatia Airlines Official Carrier), EPE-PEMC (East-West Technology Bridge), KONČAR (General Sponsor), IEEE IES, IEEE, IEE Japan.



Statistics:
389 scientific papers,
580 participants from
54 countries and 6
continents



11th EPE-PEMC'04, Riga, Latvia

2-4 Sept. 2004



Chairman
Prof. Leonids Ribickis,
 Riga TU

486 papers
 515 participants
 47 countries



EPE EUROPEAN POWER ELECTRONICS AND DRIVE ASSOCIATION

PEMC EAST WEST TECHNOLOGY BRIDGE

Sponsors

SIEMENS General Sponsor

FESTO Golden Sponsor

Latvian Council of Ministers

ABB Riga Branch and Trolleybus Office

ARCUS ESTONIA

ELWO

Technical co-sponsors

IEEE **IEEJapan**

EPN **EDN** **ISA**

SEB **SEI**

OVE **AIM** **World Energy Group**

Local organizers

Riga Technical University

Tallinn Technical University

Kaunas University of Technology

Vilnius Gediminas Technical University

Latvian Academy of Sciences

Statistics

486 scientific papers
 515 participants from
 47 countries

General Chairman
 Professor Leonids Ribickis
 Riga Technical University
 Institute of Industrial Electronics

EPE-PEMC 2004

11th International Power Electronics and Motion Control Conference
 2-4 September 2004, Riga, Latvia

11th EPE-PEMC'04, Riga, Latvia



12th EPE-PEMC'06, Portoroz, Slovenia

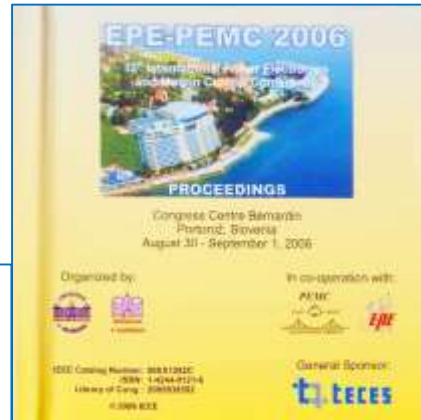
30 August – 1 September 2006



Chairman

Prof. Karel Jezernik,
UNI Maribor

368 papers
504 participants
57 countries



EPE THE 50th ANNIVERSARY OF EPE-PEMC CONFERENCE SERIES

EPE-PEMC
EAST - WEST
TECHNOLOGY BRIDGE

EPE-PEMC 2006

12th International Power Electronics and Motion Control Conference

Congress Centre Bernardin
Portorož, Slovenia
August 30 - September 1, 2006

Organized by: In co-operation with:

GENERAL SPONSOR: SPECIAL SPONSOR:

SPONSORS:

TECHNICAL CO-SPONSORS:

Statistics:
368 scientific papers,
504 participants from
57 countries

12th EPE-PEMC'06, Portoroz, Slovenia



Extended PEMC Council meeting
during the conference.
Invited also:

- EPE Association representatives
- keynote speakers

13th EPE-PEMC'08, Poznan, Poland

1-3 September 2008



Chairman
Prof. Krzysztof Zawirski,
Poznan PUT

417 papers
500 participants
53 countries



EPE-PEMC 2008

September 1-3, 2008
Poznań - Poland

13th International Power Electronics and Motion Control Conference

Contributions are invited in the following topics

1. Semiconductor Devices and Packaging
2. Power Converters
3. Control of Power Converters
4. Electrical Machines and Actuators
5. Motion Control, Robotics, Adjustable Speed Drives
6. Application and Design of Power Electronics Systems
7. Measurements, Sensors and Observing Techniques
8. Electromagnetic Compatibility
9. Power Electronics in Transportation
10. Mechatronics Systems
11. Power Electronics in Electrical Energy Generation, Transmission and Distributions
12. Renewable Energy Sources
13. Active Filtering and Unity Power Factor Correction Circuits
14. Education
15. Related Topics

Organisers:

Poznan University of Technology

Polish Society of Theoretical and Applied Electrotechnics

THE 50TH ANNIVERSARY OF EPE-PEMC CONFERENCE SERIES

Statistics: 417 scientific papers, 500 participants from 53 countries and 6 continents

Technical co-sponsors:

<http://www.epe-pemc2008.put.poznan.pl>



13th EPE-PEMC'08, Poznan, Poland



PEMC Conference chairs:

from the left:

Prof. W. Koczara (1994)

Prof. K. Zawirski (2008)

Prof. K. Jezernik (2004)

Prof. V. Fedak (2000)

Prof. I. Nagy, PEMC-C chair

Prof. S. Mircevski (2010)

Prof. M. Kazmierkowski
(Award Com.)

Prof. D. Ban (2002)

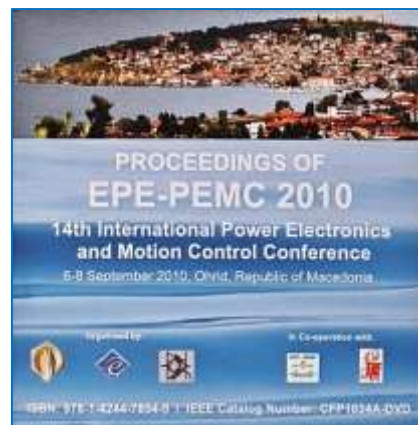
14th EPE-PEMC'10, Ohrid, Macedonia

6-8 September 2010

Chairman

**Prof. Slobodan
Mircevski,**
Macedonia

346 papers
451 participants
50 countries



Opening
Conference

50TH ANNIVERSARY OF PEMC CONFERENCE SERIES

EPE-PEMC 2010

OHRID, REPUBLIC OF MACEDONIA

14th International Power Electronics and Motion Control Conference

6-8 September 2010, Ohrid, Republic of Macedonia

Participants 451
Countries 50
Papers 346 (73.3% of received 472)
Lecture session papers 82
Special session papers 69
Plenary lectures 3
Dialogue session papers 195
Panel sessions 2
Exhibitors 19
Tutorial 1
Technical visit 1
Celebration 40Y PEMC

Organised by:

- Ss. Cyril and Methodius University, Skopje
- Faculty of Electrical Engineering and Information Technologies
- Macedonian Society of Power Electronics, Drives and Control

Under Auspices of:

- Republic of Macedonia Ministry of Education and Science

www.epe-pemc2010.com

Three photographs at the bottom: a historical fresco, a large group of people gathered for the opening conference, and an aerial view of the Ohrid city and lake.

14th EPE-PEMC'10, Ohrid, Macedonia

Opening the conference



Closing Session

from the left:

Prof. I. Nagy (PEMC-C Chair)

Prof. S. Mircevski (General Chair)

Prof. T. Undeland (EPE Association)



15th EPE-PEMC'12, Novi Sad, Serbia

4-6 September 2012



Chairman
Prof. Vladimir Katic,
University
of Novi Sad



Prof. Vladimir Katic invites participants for the next EPE-PEMC Conference in Novi Sad, Serbia

(during the closing session of EPE-PEMC'10)



15th EPE-PEMC'12, Novi Sad, Serbia



Prof. V. Katic (PEMC'12) is giving to Prof. I. Colak (PEMC'14)

two PEMC symbols:

- a stick (to touch and hunt the participants) and
- an empty bag (to collect money to run the conference)... 😊 😊 😊

16th PEMC'14, Antalya, Turkey

21-24 September 2014



Chairman
Prof. İlhami Colak,
Gazi University

257 papers



The 50th Anniversary of IEEE PEMC Conference Series



Presented papers:	257	Special sessions:	13
Keynote speakers:	5	Tutorials:	1
Invited speakers:	2	Oral sessions:	30
Invited short speakers:	7	Poster sessions:	3



Professor İLHAMİ COLAK
General Chair, PEMC 2014



Professor İbrahim NAGY
Chairman of PEMC Council



Professor Fujio KUROKAWA
General Co-Chair, PEMC 2014



16th PEMC'14, Antalya, Turkey

(Plenary session, 22 September 2014)



17th IEEE-PEMC'16, Varna, Bulgaria

25–30 September 2016



Chairman

**Prof. Stanimir
Valchev,**
Universidade
NOVA de Lisboa



Keynote lecture by Prof. Pavol Bauer

The 50th Anniversary of IEEE
PEMC Conference Series



IEEE - PEMC 2016 in Varna - BULGARIA
VARNA, BULGARIA | from 25 to 30 of September 2016

17th International Conference on Power Electronics and Motion Control

GENERAL PROGRAM SPEAKERS PAPER SUBMISSION REGISTRATION PHOTOS CONTACT



Submitted: 266 papers from 48 countries. Accepted: 196 articles of 744 authors, 5x TI and 6x Special Sessions.

PEMC Council Awards, named "Professor L. Nagy" Awards, many financial awards to young scientists.

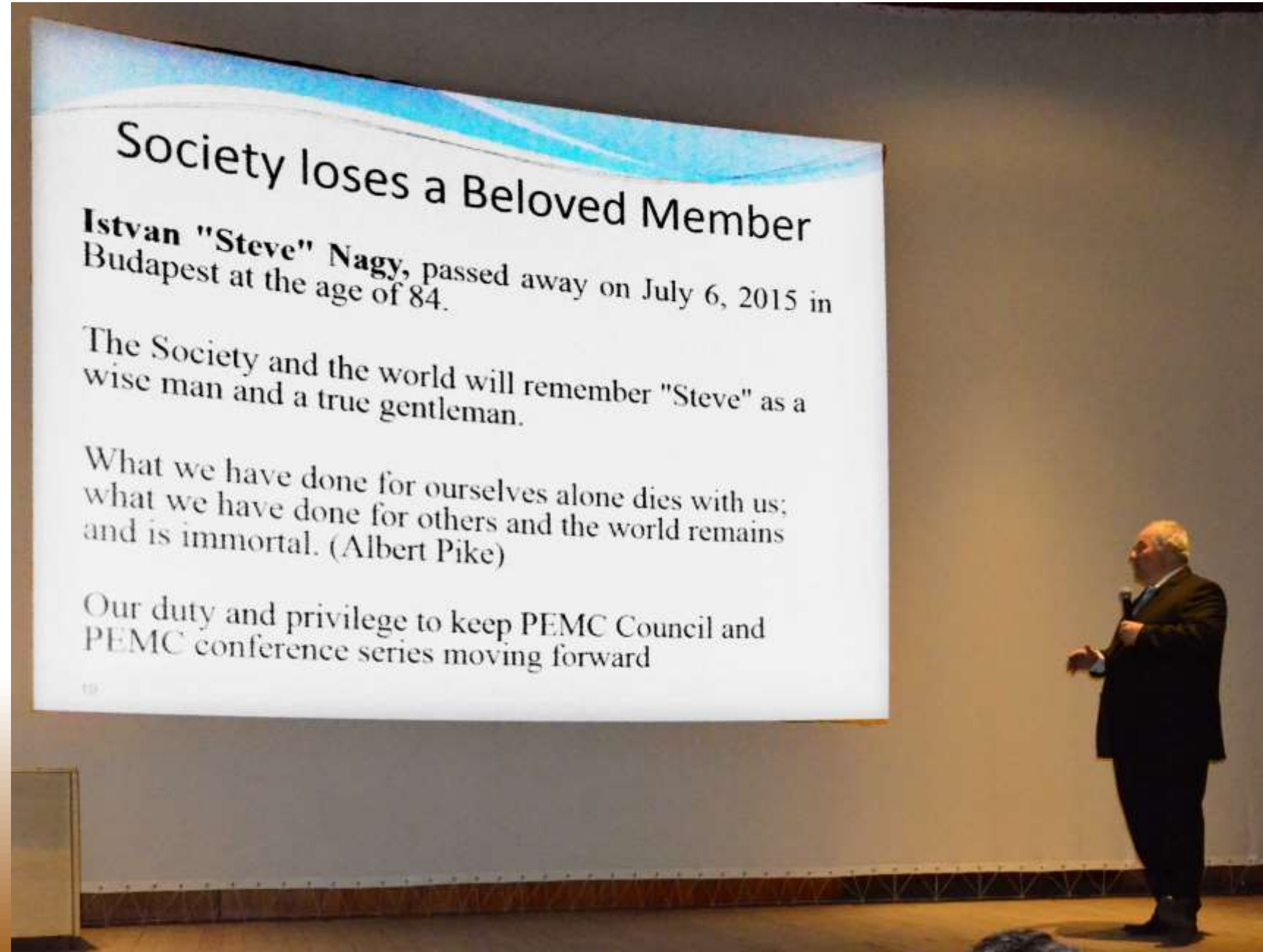
Varna Gold from 4500 B.C., minerals, lunches, artists and historic gala dinner... Finally MCE of IEEE "admitted your dedication that led to the success of your award."



17th IEEE-PEMC'16, Varna, Bulgaria



Prof. Peter Korondi
at presentation
about Prof. Nagy's life
and achievements





18th IEEE-PEMC'18, Budapest, Hungary

26–30 August 2016



Chairman

**Prof. Péter
Korondi,**
BMGE Budapest

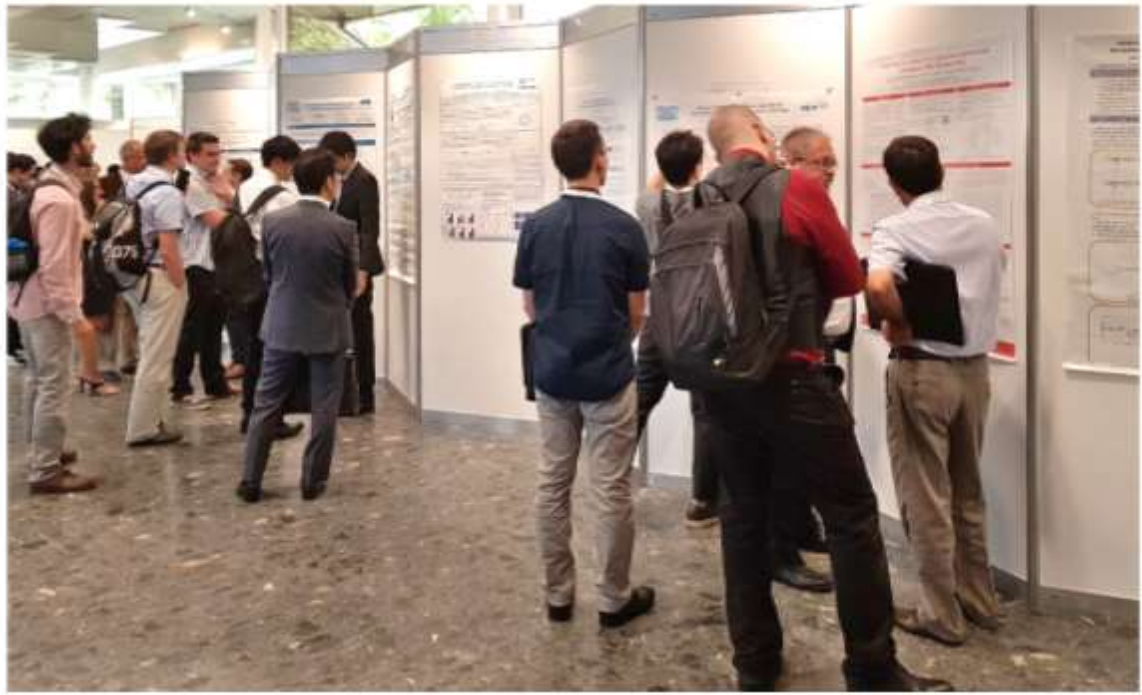


IEEE PEMC
INDUSTRIAL ACADEMIA
TECHNOLOGY BRIDGE

IEEE-PEMC BUDAPEST
2018. SEPTEMBER • HUNGARY

- 2016 VARNA
- 2014 ANTALYA
- 2012 NOVI SAD
- 2010 OHRID
- 2008 POZNAN
- 2006 PORTOROŽ
- 2004 RIGA
- 2002 DUBROVNIK
- 2000 KOŠICE
- 1998 PRAGUE
- 1996 BUDAPEST
- 1994 WARSAW
- 1990 BUDAPEST

18th IEEE-PEMC'18, Budapest, Hungary



18th IEEE-PEMC'18, Budapest, Hungary



PEMC Council is voting
and approving the next
conference venue:

IEEE-PEMC'20 Gliwice

19th IEEE-PEMC'20, Gliwice, Poland

25–29 April 2021
(the online conference)



Chairman
**Prof. Mariusz
Stepień,**
SUT Gliwice

132 papers
164 participants
31 countries

<http://www.ieee-pemc2020.org/>



19th International Power Electronics
and Motion Control Conference,
IEEE-PEMC 2020

GLIWICE, POLAND, 25-29 April 2021
<http://www.ieee-pemc2020.org/>

50th Anniversary of PEMC Conference Series
On-line conference event

Organized by:

**Silesian University
of Technology**

Faculty of Electrical Engineering
Department of Power Electronics,
Electrical Drives and Robotics (KENER)

Within the PEMC Series:

INDUSTRY ACADEMIA

TECHNOLOGY BRIDGE

Conference Owners:

Technical Partners

Industrial partner:

Statistics:
6 keynotes, 2 tutorials
over 130 scientific paper,
almost 200 participants
from 30 countries and 4 continents

General Chair of IEEE-PEMC 2020
Mariusz Stepień
PEMC Council Chairman
Pavol Bauer

History of PEMC

Remembering Ceased Members and Supporters



Prof. Jiří Pavelka,
CTU Prague
Czech Republic



Prof. István Nagy,
BMGE Budapest
Hungary



Prof. Fetah Kolonić,
Uni Zagreb
Croatia



Prof. Ján Fetyko,
TU Kosice
Slovakia



Prof. Mike Case,
Uni of Johannesburg
South Africa



Prof. Sergey Ryvkin,
Moscow
Russia



Prof. László Szentirmai,
Uni Miskolc
Hungary

PEMC Council Organization

(EPE)-PEMC Chair (1996 – 2016)

- Prof. Istvan Nagy, Hungary

Chair



IEEE-PEMC Chairs (since 2016)

- Prof. Pavol Bauer, The Netherlands
- Prof. Peter Korondi, Hungary
- Prof. Viliam Fedák, Slovakia
- Prof. Krzysztof Zawirski, Poland

Chair



Vice-chair

Vice-chair

Vice-chair



PEMC Council

Executive Committee

Life members

History of PEMC

Conclusions: Past and Future

- ❑ The 50th anniversary allowed us to see how the PEMC developed from a series of national Hungarian conferences, through European to world conferences.
- ❑ Through a series of conferences, the PEMC Council made it possible to meet and exchange ideas and present the achievements of a whole generation of scientists from Central and Eastern Europe, offering much cheaper (50% of what the EPE in Western Europe) conferences!

As a representative of the departing generation that led to the successes of the PEMC in the past, on the occasion of the 50th Jubilee

I would like to wish you a new generation of activists and volunteers of harmonious cooperation with the further development and continuation of the successes of the PEMC "under young leadership"!