

**IEEE CAS Power Systems and Power Electronic Circuits Technical Committee**  
**[http://www.energy.ece.uiuc.edu/cas\\_pspec](http://www.energy.ece.uiuc.edu/cas_pspec)**  
May 28, 2002

The Power Systems and Power Electronic Circuits Technical Committee (PSPECTC) met on May 28, 2002 during ISCAS'02, Scottsdale AZ.

## **1. Introduction**

Chairman Marian Kazimierczuk opened the meeting at 1200 and welcomed attendees. Introductions were made and an attendance sheet was circulated.

## **2. Approval of Minutes**

The minutes from ISCAS'01 in Sydney were approved.

## **3. Chairman's Report**

Submitted end of April (retyped here)

1. The committee met at ISCAS'01 in Sydney.
2. At ISCAS'01, we presented 48 papers and had two Special Sessions organized by Marian K. Kazimierczuk and Alberto Reatti.
3. At the Midwest Symposium on Circuits and Systems in Dayton, OH, Aug. 2001, we presented 12 papers in two Special Sessions organized by M. Kazimierczuk. The main focus of the papers was on low-voltage switching power converters.
4. At ISCAS'02, we will have 52 papers and one Special Session organized by M. K. Kazimierczuk.
5. In the last term, we had two Associate Editors in the IEEE Trans. on Circuits and Systems, I: Dr. Henry Chung and Dr. Dariusz Czarkowski. Dr. Cheung received 25 papers, accepted 10, rejected 5 and 10 papers are in the review process. Dr. Czarkowski received 22 papers, 17 full papers and 5 Transaction Briefs, 1 paper accepted, 2 papers rejected, 10 papers after the first review, other papers are in the review process.
6. In the present term, we have three Assoc. Editors in the IEEE Trans. On Circuits and Systems, I.
7. Our TC has a website.
8. We have two distinguished lecturers.
9. We had a paper in the IEEE Circuits and Systems Society Newsletter on switched-capacitor dc-dc converters.

Martin K. Kazimierczuk, TC Chair

## **4. Election of Officers**

Ian Hiskens is the incoming Chairman of the PSPECTC. His term runs through to the end of ISCAS'03. An election was held to determine the Chairman-elect for chair duties from ISCAS'03 to the end of ISCAS'04. PSPECTC has a policy of alternating chairmanship between the power electronics and power system communities. Adrian Ioinovici was the sole nomination and was duly elected.

The secretary position was held by Ian Hiskens. Therefore, an election was held to determine the an incoming secretary with a 3 year term indicated by the charter to end ISCAS'05. Karen Miu was the sole nomination and was duly elected.

## 5. New Business

### a. Appointment of Associate Editors

- A key discussion was held concerning the appointment of our 3 associate editors.
- Specifically, one associate editor, who was appointed by the editor-in-chief, is not a member of PSPECTC.
- To the best of PSPECTC knowledge, no one in PSPECTC was consulted with regard to that appointment.
- PSPECTC wishes to insure that the process of appointing associate editors does not shun the committee.
- The Chairman will write to the editor to address the committee's concern with the process that led to the appointment of the 3<sup>rd</sup> associate editor.  
(Correspondence is attached.)

### b. Bylaws

- The bylaws for PSPECTC appear to be lost.
- New bylaws, adjusted from another CAS committee, will be created and circulated for comments.
- The policy of alternating chairs between PS and PE will remain as good will and not be written into the bylaws.

### c. Exposure within CAS

- A discussion was held as to whether the committee is losing opportunities/foothold in emerging technologies related to power.
- Specifically, lower power/lower voltage applications in VLSI, MEMS, Telecomm systems, control circuits for fuel cells, etc.
- A desire to inform other committees of PSPECTC activities and relevance to their power issues was expressed.
- A special session concerning micro-power systems was proposed, see below.

### d. Special Issues – Call for papers

A call for papers was made for 2 Special Issues

1. IEEE Trans CAS-I: Special Issue on Analysis, Design and Applications of Switching Circuits and Systems, Guest Editors – Nonlinear Circuits (Mario di Bernardo) and Power Electronics (Henry Chung).
2. Journal of Circuits, Systems and Computers: Special Jubilee Issue on Power Electronic Circuits, Guest Editor – Adrian Ioinovici. This issue will encompass a purer power electronics focus. 2 issues are a possibility, if a number of good papers are submitted.

### e. CAS Newsletter

It was highlighted that the CAS Newsletter presents a good opportunity for articles covering activities of PSPECTC. It was suggested that the committee make short overviews of our activities to advertise and promote PSPECTC.

f. Fellows Committee

A question arose as to whether PSPECTC has representation on the Fellows Committee. Currently there is no representation. As a result, it was agreed that elevation to the grade of Fellow through PSPECTC is difficult. The Chairman will write to the Fellows Committee chair to explore representation. Luigi Fortuna was named as a possible representative for PSPECTC. (Correspondence is attached.)

g. Liason with CCS, PES, PELS

- Closer cooperation between CAS and other IEEE societies, particularly CCS, PES and PELS, should be encouraged. Numerous topics overlap all societies, for example switched systems.
- PSPECTC could assist in advertising IEEE Trans CAS-I as receptive to submission of theoretical contributions.
- Mailing list contacts were discussed.

h. Midwest Symposium on CAS

PSPECTC participation in 2001 consisted of:

- One session on wireless power
- Two sessions in traditional PE

Participation in this annual symposium is encouraged to help broaden PSPECTC exposure.

## **6. ISCAS'03, Thailand**

- A special session on micro-power systems has been proposed. Eduard Alarcon and Luigi Fontuna volunteered to arrange the session.
- Regular technical sessions will be arranged by the incoming and outgoing chairmen of PSPECTC. This coordinates well with the informal policy of alternating the chairman between power systems and power electronics each year.

## **7. Conclusion**

Minutes taken by Karen Miu.

IEEE CAS Power Systems and Power Electronic Circuits Technical Committee  
May 28, 2002

Attendance List

1. Ian Hiskens	Univ. of Illinois at UC	<a href="mailto:hiskens@ece.uiuc.edu">hiskens@ece.uiuc.edu</a>
2. Karen Miu	Drexel Univ.	<a href="mailto:karen@ece.drexel.edu">karen@ece.drexel.edu</a>
3. Alex Stankovic	Northeastern Univ.	<a href="mailto:astankov@ece.neu.edu">astankov@ece.neu.edu</a>
4. Chika Nwankpa	Drexel Univ.	<a href="mailto:chika@nwankpa.ece.drexel.edu">chika@nwankpa.ece.drexel.edu</a>
5. D. Czarkowski	Polytechnic Univ.	<a href="mailto:dcz@pl.poly.edu">dcz@pl.poly.edu</a>
6. Wieslaw Bury	Polytechnic Univ.	<a href="mailto:web@zpower.poly.edu">web@zpower.poly.edu</a>
7. Philip Mok	Hong Kong Univ. of Science & Technology	<a href="mailto:eemok@ee.ust.hk">eemok@ee.ust.hk</a>
8. Eduard Alarcon	Technical Univ. of Catalunya, Barcelona	<a href="mailto:earcon@eel.upc.es">earcon@eel.upc.es</a>
9. Salvatore Castorina	Univ. of Catania, Italy	<a href="mailto:castorina@dees.unict.it">castorina@dees.unict.it</a>
10. Luigi Fortuna	Univ. Degli Studi di Catania, Italy	<a href="mailto:lfortuna@dees.unict.it">lfortuna@dees.unict.it</a>
11. Adrian Ioinovici	Holon Acad Inst. Technical	<a href="mailto:Adrian@hait.ac.il">Adrian@hait.ac.il</a>
12. Marian Kazimierczuk	Wright State Univ.	<a href="mailto:mkazim@cs.wright.edu">mkazim@cs.wright.edu</a>
13. Luca Pellegrini	Univ. of Florence	<a href="mailto:l.pellegrini@det.unifi.it">l.pellegrini@det.unifi.it</a>
14. Hiroo Sekiya	Chiba Univ.	<a href="mailto:sekiya@ics.tj.chiba-u.ac.jp">sekiya@ics.tj.chiba-u.ac.jp</a>
15. Tadashi Suetsugu	Wright State Univ. Fukuoka Univ., Japan	<a href="mailto:tsuetsug@cs.wright.edu">tsuetsug@cs.wright.edu</a> <a href="mailto:suetsugu@mail.tl.fukuoka-u.ac.jp">suetsugu@mail.tl.fukuoka-u.ac.jp</a>

# Correspondance

**Tamas Roska, 04:48 AM 22/6/2002, Re: Appointment of Assoc Editors for Trans CAS-I**

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Date: Sat, 22 Jun 2002 11:48:06 +0200  
From: Tamas Roska <roska@sztaki.hu>  
Subject: Re: Appointment of Assoc Editors for Trans CAS-I  
To: "Ian A. Hiskens" <hiskens@ece.uiuc.edu>  
Organization: MTA SZTAKI and Pázmány University  
X-Mailer: Mozilla 4.78 [en] (Windows NT 5.0; U)  
X-Accept-Language: en

Dear Ian,

Thanks for the letter.

The appointment of the Associate editors was based on the recommendations of the TCs (major emphasis), suggestions from the former EIC, and recommendations from previous Associate editors. These were suggestions. In addition, the EIC had been asking advice at some areas by distinguished members of the Society.

Sincerely

Tamás

"Ian A. Hiskens" wrote:

>

> Hi Tamas,

>

> Sorry I could not join you for the Trans CAS-I editorial board meeting in  
> Scottsdale. As I mentioned to you, the Technical Committee that I chair was  
> meeting at the same time. Unfortunately our meeting lasted until the start  
> of the following session.

>

> One of the items that was raised by members during our TC meeting was the  
> appointment of Associate Editors for Trans CAS-I. The specialization  
> relevant to our TC (power electronics and systems) is currently served by  
> three Assoc Editors. Two of those (myself and Alberto Reatti) are members  
> of the TC, and were recommended by the previous TC chair (Marian  
> Kazimierczuk). The third Assoc Editor is Issa Batarseh, who is not active  
> in the TC.

>

> The meeting asked that I seek clarification as to the process of appointing  
> Assoc Editors. It was felt that they should be chosen based on a  
> recommendation from the TC. That was not the case with Issa.

>

> The discussion acknowledged that Issa is a very capable researcher in power  
> electronics, and there was no doubt he would make a very good Assoc Editor.  
> However there was confusion regarding his appointment.

>

> Regards,

> Ian

X-Sender: wkchen@mail.itu.edu  
X-Mailer: QUALCOMM Windows Eudora Pro Version 4.1  
Date: Mon, 24 Jun 2002 11:53:14 -0700  
To: "Ian A. Hiskens" <hiskens@ece.uiuc.edu>  
From: Wai-Kai Chen <w.chen@ieee.org>  
Subject: Re: Membership of IEEE CAS Fellows Committee  
Cc: w.chen@ieee.org, nossek@nws.e-technik.tu-muenchen.de, nanni@stanford.edu

Dear Ian:

The CAS Fellow Committee Chair is appointed annually by the President. The present Committee is composed of 18 members, and its membership, like the awards committees, is known only to the President, President-Elect, and other members of the Committee to avoid any possible conflict of interest such as lobbying. In selecting the members, we consider their expertise, hopefully to cover all major aspects of CAS areas, and also the regional distribution (Europe, Asia and America). All members are senior fellows of the CAS Society. Members will be excused from the evaluations if he/she was elected an IEEE Division Director, CAS President or any other positions, which are deemed to be of conflict. Members are not allowed to serve as a CAS Fellow Reference, and will only evaluate candidates in the areas where he/she can make an unbiased qualified judgement. The Chair will tabulate all the evaluations and comments and submit the final results to the IEEE Fellow Committee before the deadline.

If your Technical Committee feels that each TC committee should be represented in the Awards as well as Fellow Committees, you should raise the issue with the President or President-Elect, discuss this in the Executive Committee, and finally decide at the BOG meeting. The future Chair certainly will abide by the decision. My responsibility is to make sure that the integrity of our selection process is preserved. What I do not want to see is that the TC Representatives play an advocacy role for their areas. So far the current process works well.

For your information, last year the IEEE Fellows Committee picked all of our choices except one, a 93% successful rate among our selections and a 50% rate among all eligible nominations. We were on the top having our nominated members elected among all the IEEE societies.

Best regards.

Wai-Kai

At 11:14 AM 6/24/02 -0500, you wrote:

>Dear Prof Chen,  
>  
>I'm currently chairing the Power Systems and Power Electronic Circuits  
>Technical Committee of CAS. At our recent TC meeting in Scottsdale, the  
>composition of the CAS Fellows Committee was questioned. In particular,  
>should each TC be represented on the committee? Currently we do not have a  
>representative.  
>  
>Thanks in advance for your clarification.  
>  
>Regards,  
>Ian