

## ICNPAA 2010 WORLD CONGRESS

**Conference Organizer and General Chair:**  
Seenith Sivasundaram seenithi@gmail.com

**International Organizing Committee Chairs:**

A. Prado (BRAZIL) J. Rohacs (HUNGARY)  
S. Balint (ROMANIA) M. Sanguineti (ITALY)

**Local Organizing Committee:**

Antonio F. Bertachini A. Prado (Chair) - INPE-DMC  
prado@dem.inpe.br, abertachini@terra.com.br  
Vivian M. Gomes vivian.gomes@uol.com.br  
Evandro M. Rocco evandro\_mr@yahoo.com.br  
Ijar M. Fonseca ijar@dem.inpe.br  
Othon C. Winter ocwinter@feg.unesp.br  
Rodolpho V. Moraes rodolpho@feg.unesp.br  
Sandro da Silva Fernandes sandro@ita.br

**Local Advisory Committee:**

Petronio Noronha de Souza  
petronio.n.souza@gmail.com  
Helio Koiti Kuga hkk@dem.inpe.br  
Atair Rios-Neto atairrn@uol.com.br  
Mario Marcos Quintino da Silva quintino@dss.inpe.br  
Elbert Macau elbert@lac.inpe.br

**International Advisory Committee:**

K.T. Alfriend (USA) A.V. Balakrishnan (USA)  
S. Balint (ROMANIA), P. Borne (FRANCE)  
E.A. Fedosov (RUSSIA) P. Friedman (USA)  
N. Goto (JAPAN) M.J. Grimble (UK)  
L. Gruyitch (FRANCE) S. Joshi (USA)  
K. Kakimoto (JAPAN) T. Katayama (JAPAN)  
V. Lakshmikantham (USA) D. Lainiotis (USA)  
I. Lasiecka (USA) W.G. Luber (GERMANY)  
V. Matrosov (RUSSIA) M. Maurice (USA)  
D. McLean (UK) A. Miele (USA)  
S.K. Mitter (USA) Y.Y. Nie (CHINA)  
K. Ninomiya (JAPAN) F. Quagliotti (ITALY)  
J. Rohacs (HUNGARY) G. Sachs (GERMANY)  
S. Sivasundaram (USA) S. Sliwa (USA)  
S. Suzuki (JAPAN) K. Tsuchiya (JAPAN)  
F.E. Udawadia (USA) M.E. Valcher (ITALY)  
S. Vassilyev (RUSSIA) M. Vidyasagar (INDIA)  
A. Zellweger (USA) J.P. Zolesio (FRANCE)

**Conference Organizer and General Chair:**  
Agneta M. Balint (ROMANIA)

## ICNPAA 2010 WORLD CONGRESS

INPE - National Institute for Space Research  
Sao Jose dos Campos - SP, Brazil

Wednesday, June 30 - Saturday, July 3, 2010

Conference Website:  
<http://www.icnpaa.com>



## Special Session: Neural Network Dynamics

Special Session Organizers:

Eva Kaslik  
ekaslik@gmail.com

Seenith Sivasundaram  
seenithi@gmail.com

## ICNPAA 2010 WORLD CONGRESS:

EIGHTH INTERNATIONAL CONFERENCE ON

## MATHEMATICAL PROBLEMS IN ENGINEERING, AEROSPACE AND SCIENCES



INPE - National Institute for Space Research  
Sao Jose dos Campos - SP, Brazil

Wednesday, June 30 - Saturday, July 3, 2010

Conference Website:  
<http://www.icnpaa.com>

Sponsored by  
IFNA: International Federation of  
Nonlinear Analysts  
IFIP: International Federation of  
Information Processing  
AIAA: American Institute of  
Aeronautics and Astronautics  
INPE, Sao Jose dos Campos, Brazil

**ICNPAA 2010**  
**Mathematical Problems in**  
**Engineering, Aerospace and**  
**Sciences**

**AIM:**

Mathematical Problems in Engineering, Aerospace and Sciences have stimulated cooperation among scientists from a variety of disciplines. Developments in computer technology have additionally allowed for solutions of mathematical problems. This international forum will extend scholarly cooperation and collaboration, encouraging the dissemination of ideas and information.

**PROGRAM SCOPE:**

Conference sponsors seek a spectrum of theoretical, computational, and experimental inquiries concerned with Mathematical Problems in Engineering, Aerospace and Sciences. This program will include keynote addresses, invited lectures, and contributed lectures, and will involve communication with remote sites.



**Special Session:**  
**Neural Network**  
**Dynamics**

**mathematical aspects, simulations**  
**and applications in engineering,**  
**aerospace and in all areas of**  
**sciences**



This special session will focus on the area of neural networks mathematical theory, analysis, simulations and its applications in engineering, aerospace and all areas of sciences.

Intended audience includes researchers for neural applications as well as those with mathematical interests.

Please submit the abstract of your paper to [ekaslik@gmail.com](mailto:ekaslik@gmail.com) and through the conference online proposal submission system no later than February 25, 2010.

**CONFERENCE LANGUAGE:**  
English

**SOCIAL EVENTS:**  
For updates, visit the website  
<http://www.icnpaa.com>

**CONFERENCE PROCEEDINGS:**  
Proceedings will be published  
by Cambridge Scientific Publishers.

**CALL FOR PAPERS:**

**ORGANIZED SPECIAL SESSIONS:**  
30 min. allotted per speaker  
Deadline for proposals:  
November 25, 2009

**DEADLINE FOR PAPERS:**  
Abstract of the paper due  
February 25, 2010  
Deadline for papers: Full paper due  
July 30, 2010

**ABSTRACT:**  
Abstract submission through the  
conference website.  
Not more than 200 words.

**PROCEEDINGS PAPER:**  
Maximum 8-9 pages.

For more details go to the sections  
**CALL FOR PAPERS** and **REGISTRATION**  
on the website.

**HOTELS AND TRANSPORTATION:**  
Please visit the conference website  
<http://www.icnpaa.com>