

RGI NEWS

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Jari Hyttinen Received a Tenure

Professor **Jari Hyttinen** was appointed to the permanent position of Professor of Biomedical Engineering of the Ragnar Granit Institute starting on 1.10.2006. Before that he served in a fixed period of the same professorship for 2001-2006.

Jari A. K. Hyttinen was born in 1960. He received his M.Sc. and Ph.D. (biomedical engineering) degrees from Tampere University of Technology in 1986 and 1994, respectively.

He has acted as Junior Research Fellow, Academy of Finland (1995-1998), Assistant Professor, Ragnar Granit Institute (1998-2000), Academy Researcher, Academy of Finland (2000-2001), Professor, Ragnar Granit Institute, (2001-2006). Additionally, he has served as a visiting researcher at Pennsylvania State University, State College, PA, USA (1990), University of Tasmania, Hobart, Australia (1990) and Duke University, Durham, NC, USA (1994).

His main research interests are modeling and measurement of the physiological and biological systems. The specific applications are simulation and the inverse solution of bioelectric and bioimpedance phenomena as well as measurement systems of biological and physiological signals. In addition, his research interests include imaging and image analysis for construction of 3D volumetric models.

www.rgi.tut.fi/personnel/jarihyttinen/



Jari Hyttinen

Professor Hannu Eskola Returns to the Ragnar Granit Institute

Hannu Eskola served as Professor of Biomedical Engineering at the Ragnar Granit Institute for 1995-2000. Thereafter he moved to the post of Director of the Digital Media Institute of Tampere University of Technology. Starting on 1.1.2007 he will return to the Ragnar Granit Institute as Professor of Biomedical Engineering.

His special interests are: medical physics, medical image processing, well-being technology.



Hannu Eskola

Ragnar Granit Institute Alumni

In the name of the 30 years' history of the Ragnar Granit Institute, it is established the Ragnar Granit Alumni. It is the purpose of the Alumni to strengthen the contacts between those who graduated from the Ragnar Granit Institute. The RGI Alumni may help the industry get new employees from the RGI graduates or find students to make diploma theses in industry. The Institute hopes to get information on joint applied research projects with the industry, information on new directions of the education and feedback of its present education program. The RGI will be glad to inform about its present research and education to the members of the Alumni.

Dr. Tech. **Mari Varjonen** from Planmed Ltd has promised to serve as President for the RGI Alumni and Ass. Prof. **Jari Viik** from the RGI as Secretary. Please contact them for more information.

mari.varjonen@planmed.com, jari.viik@tut.fi

**Photos from the IX Ragnar Granit Symposium
Ragnar Granit Institute 30 years
Friday, 17.11.2006, Tampere University of Technology**



The Helsinki Children's Sting Orchestra
Conductor Géza Szilvay



Frank Sachse, Sten Grillner, Jaakko Malmivuo
Rector Jarl-Thure Eriksson



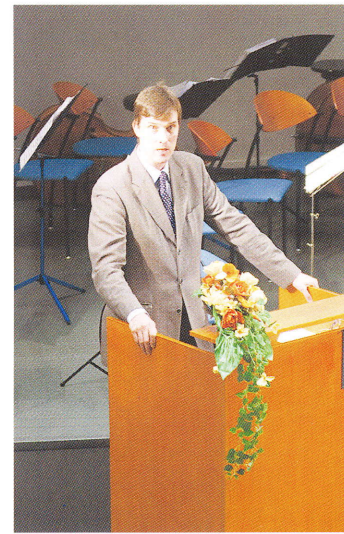
Jaakko Malmivuo



Sten Grillner



Frank Sachse



Petri Pommelin



Eero Otila,
City of Tampere



Matti Koskinen,
Tampere Univ. Hospital



Chamber orchestra



Vladimir Villaseñor,
Katrina Wendel,
Jesús Requena (RGI)



Heikki Teriö (Karolinska Institute),
Jari Hyttinen and Jaakko Malmivuo



Soile Lönnqvist, Jari Hyttinen, Jaakko Malmivuo
Rain Ferenets, Ivo Fridolin (Tallinn Univ. Techn.)



Tuukka Arola, Nathaniel Narra, Emre Kapucu, Tomas
Cervinka, Alper Cömert, Baran Aydogan (RGI)



Reino Kurki-Suonio,
Erkki Koivisto, Jaakko Malmivuo



The Ragnar Granit Institute personnel thanks all their friends, supporters and promoters
for their kindness in connection to our 30 years' Anniversary Symposium.

Photo: Jarno M. A. Tanskanen
More photos: www.rgi.tut.fi/30

Kari Mäkelä joins the Ragnar Granit Institute

Professor **Kari Mäkelä** has served as Professor of Telemedicine in Seinäjoki University Center since 2001. Tampere University of Technology is a partner of the Seinäjoki University Center, and Kari Mäkelä's post was located at the Digital Media Institute.

Starting on January 1, 2007, his post will be located at the Ragnar Granit Institute while he continues to serve in Seinäjoki.

Kari Mäkelä's research interests are remote monitoring technologies, homecare technologies and devices, structured EPR software and hospital workflow simulation software.



Kari Mäkelä

Professor Sten Grillner received the Ragnar Granit Prize

The Ragnar Granit Prize was awarded to Professor **Sten Grillner**. He is Professor of Neurophysiology at the Nobel Institute for Neurophysiology of Karolinska Institute in Stockholm.

The main research aim of Professor Grillner's laboratory is to understand the cellular basis of motor behavior with a focus on the mechanisms underlying selection of behavior and the neural basis of in particular locomotion and posture.

Professor Grillner is member of the editorial boards of several scientific journals in Neuroscience. He has given a number of invited lectures in this field in international congresses and symposia.

Professor Sten Grillner has a large number of positions of trust, including the Nobel Assembly at the Karolinska Institute. He is successor of Professor Ragnar Granit in the Professorship of Neurophysiology of Karolinska Institute.

www.neuro.ki.se/grillner/pages/sten1.html

Professor Jaakko Malmivuo elevated to IEEE Fellow

The IEEE Board of Directors, at its meeting on November 19, 2006, elevated Professor **Jaakko Malmivuo** to IEEE Fellow, effective 1 January, 2007, with the following citation:

"for contributions to theoretical and experimental aspects of bioelectromagnetic phenomena."

Recognizing the achievements of its members is an important part of the mission of the IEEE. Each year, following a rigorous evaluation procedure, the IEEE Fellow Committee recommends a select group of recipients for one of the Institute's most prestigious honors - elevation to IEEE Fellow.

In Finland, about ten people presently have the Fellow grade, but this is the first in the field of Biomedical Engineering.

www.ieee.org/web/aboutus/fellows/fellows.html



The personnel of the Ragnar Granit Institute wish to thank all their friends for their co-operation during 2006 and wish everyone a Merry Christmas and a successful New Year.