

Collected by Candice Klug

This is a new column highlighting young EPR faculty members who have recently moved around.



Kazuhiro Marumoto
University of Tsukuba

Kazuhiro Marumoto recently moved to the University of Tsukuba and became an Associate Professor of Institute of Materials Science in January 2006. From 1997–2005 he was employed as an Assistant Professor of Applied Physics at the Nagoya Uni-

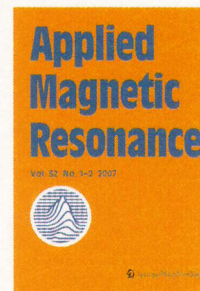
versity and performed EPR studies of organic solids such as conducting and electroluminescent polymers with Professor Shin-ichi Kuroda at the Nagoya University. In 1997, he received his PhD in physics from the Osaka University in the laboratory of Yoshihito Miyako where he studied the magnetism of uranium- and rare-earth-based heavy-fermion systems. He received his undergraduate degree in physics from the Hokkaido University in 1992. Kazuhiro recently received the Young Investigator Award from the Society of Electron Spin Science and Technology (SEST) in Japan for his development of a new method for studying microscopic properties of organic devices by EPR.

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POSITIONS

The University of New Hampshire invites

The Department of Chemistry at the University of New Hampshire welcomes inquiries from PhD scientists at any rank regarding research, and graduate and undergraduate teaching opportunities, in the area of Experimental Physical or Biophysical Chemistry. Candidates with research interests in electron resonance are particularly encouraged. Facilities include Bruker ELEXSYS E500/E560 with X-band CW-ENDOR, and Varian X- and Q-band CW-EPR/ENDOR spectrometers with dispersion and absorption mode detection and temperature capability from 2 to 300 K. The electron resonance lab has a variety of microwave components, bridges, cavities and electronic measuring equipment for instrument construction as well as facilities for biochemical research. Inquiries should include a cover letter explaining the type of research and teaching opportunities desired, a CV, research plans and teaching goals, and should identify three people as references. Send to: Christopher F. Bauer, Chair, Department of Chemistry, University of New Hampshire, Durham, NH 03824 (603) 862-1550 (fax 4278), cfb@cisunix.unh.edu. Inquiries will be reviewed as they are received. UNH supports diversity and strongly en-

courages women and minority candidates to send an inquiry.

Research Positions - Advanced EPR of Bioinorganic Systems

Several research positions (PhD and Post-doc level) are presently available in the EPR department of the Max Planck Institute of Bioinorganic Chemistry in Mülheim/Ruhr, Germany.

We are looking for highly motivated young scientists in the field of Electron Paramagnetic Resonance who are interested in studying metallo-enzymes and related model systems. The main focus is on the investigation of photosynthetic systems (reaction centers, water oxidation), hydrogenase (biohydrogen production), radical enzymes and protein maquettes.

Our EPR lab is equipped with the full range of modern Bruker EPR spectrometers including E500 CW X-band, E580 CW/pulse X-band, E700 CW/pulse Q-band, and E680 CW/pulse W-band. In addition a high field CW/pulse spectrometer operating at 122 and 244 GHz (fields up to 12 T) is available next to several other CW EPR systems at S-, C-, X- and Q-band. We are using the complete repertoire of pulse and CW EPR techniques (ENDOR/TRIPLE, ELDOR, ESEEM) in combination with laser excitation and freeze quench techniques. More details can be found on our website: www.mpibac.mpg.de/lubitz.html.

The selected persons should have a relevant training in Magnetic Resonance Spectroscopy, preferably in EPR. Candidates with an interest in EPR instrumental development and microwave engineering are specifically encouraged to respond.

Please send your application to Prof. Dr. Wolfgang Lubitz, Max Planck-Institute for Bioinorganic Chemistry, Stiftstrasse 34-36, 45470 Mülheim an der Ruhr, Germany

E-mail: lubitz@mpi-muelheim.mpg.de

The National Biomedical Research Center for Advanced ESR Technology (ACERT) at Cornell University invites applications for two Postdoctoral positions

Applications are encouraged from individuals who can contribute strongly to areas of:

(1) **ESR Microscopy**. This position is for the further development of ESR-Microscopy to provide true micron resolution at very high spin sensitivity, and for its application to the study of small biological samples such as single cells. (2) **Pulsed ESR and Molecular Dynamics**. This position is for the study of molecular motions of membranes and proteins by multi-frequency 2D-FT-ESR techniques at 9, 17, 35, and 95 GHz. Experience in pulsed ESR techniques and/or ESR spectral simulation is highly desirable.

Interested qualified candidates should direct their inquiries to acert@cornell.edu. Applicants should provide a cover letter and most recent CV. Two or three letters of rec-