

# JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

---

**Founding Editor and Emeritus Editor-in-Chief: A.J. Freeman†**

**Editor-in-Chief: Marcelo Knobel**

Laboratório de Materiais e Baixas Temperaturas - LMBT, Departamento de Física da Matéria Condensada - DFMC,  
Instituto de Física "Gleb Wataghin" - IFGW, Universidade Estadual de Campinas Campinas, Brazil  
E-mail: knobel@ifi.unicamp.br

## **Editors**

Dora Altbir, Departamento de Física, Universidad de Santiago de Chile, Avenida Ecuador 3493, Estación Central Santiago, Chile  
Ramesh C. Budhani, Department of Physics, Morgan State University, 1700 E Cold Spring Lane, Baltimore, MD-21251  
Phone: (443)885-3226

E-mail: ramesh.budhani@morgan.edu

O. Chubykalo-Fesenko, Instituto de Ciencia de Materiales de Madrid (Spanish National Research Council, CSIC) Madrid, Spain  
E-mail: oksana@icmm.csic.es

X.F. Han, Institute of Physics, Chinese Academy of Sciences, Beijing National Laboratory for Condensed Matter Physics, Beijing, China  
E-mail: xfhan@iphy.ac.cn

Atsufumi Hirohata, PhD (Cantab), Professor in Nanoelectronics, Department of Electronics, University of York,  
Heslington, York YO10 5DD, United Kingdom  
Phone: +44-(0)1904-32 3245, Fax: +44-(0)1904-32 2335

E-mail: atsufumi.hirohata@york.ac.uk

J. Samuel Jiang, Materials Science Division, Argonne National Laboratory, 9700 S. Cass Avenue, MSD223-B137, Argonne, IL 60439-4845  
Phone: (630) 252-7738, Fax: (630) 252-5219

E-mail: jiang@anl.gov

Tae Hee Kim, EWA Womans University Department of Physics 52 Ewhayeodae-gil Sinchon-dong  
Seodaemun-gu Seoul South Korea  
Email address: taehee@ewha.ac.kr

Larissa Panina, National University of Science and Technology, Institute of New Materials and Nanotechnology, Leninskiy, pr. 119049,  
Moscow, Russia

Renat Sabirianov, Dept. of Physics, University of Nebraska at Omaha, Omaha, Nebraska, USA  
Phone +1 4025543720

Email: rsabirianov@unomaha.edu

Hao Zeng, Fronczak Hall, Department of Physics, University at Buffalo, SUNY Buffalo, NY 14260  
Phone: (716)645-2946, Fax: (716)645-2507  
E-mail: haozeng@buffalo.edu

## **Advisory Editors**

### **Members Until December 2018**

Roy Chantrell, York, United Kingdom  
Michael Farle, Duisburg, Germany  
Dominique Givord, Grenoble, France  
X.F. Jin, Shanghai, P.R. China  
Alexandra Kalashnikova, St. Petersburg, Russia  
Stefania Pizzini, Grenoble, France  
Yokiko Takahashi, Tsukuba, Japan  
Manuel Vázquez, Madrid, Spain

### **Members until December 2019**

Katayun Barmak, New York, NY, USA  
József Barnas, Poznan, Poland  
Gerrit E.W. Bauer, Sendai, Japan  
Nora Dempsey, Grenoble Cedex, France  
Haifeng Ding, Nanjing, China  
Josep Fontcuberta, Barcelona, Spain  
Alexander Granovsky, Moscow, Russia  
Guohua Hu, Yorktown Heights, NY, USA  
Kannan M. Krishnan, Seattle, WA, USA  
Raynien Kwo, Hsin Chu, Taiwan  
Valery L. Pokrovsky, College Station, TX, USA  
Masato Sagawa, Kyoto, Japan  
Karl G. Sandeman, Brooklyn, NY  
Tiffany Santos, San Jose, CA, USA  
Ralph Skomski, Lincoln, NE, USA  
John Slonczewski, Katonah, NY, USA  
Boris Smorodin, Perm, Russia  
Robert Stamps, Univ. Glasgow, Scotland

Yoshinori Tokura, Japan  
John Q. Xiao, Newark, DE, USA  
Hyunsoo Yang, Singapore  
Chun-Yeol You, Daegu Gyeongbuk Institute  
of Sci. & Tech., Daegu, Korea  
Hartmut Zabel, Bochum, Germany  
Roberto Zivieri, Italy

### **Members until December 2020**

Anthony Arrott, Burnaby, Canada  
David Awschalom, Chicago, IL, USA  
Antonio Azevedo, Recife, Brazil  
J.M.D. Coey, Dublin, Ireland  
Julio Criginski Cezar, Sao Paulo, Brazil  
Juliano Casagrande Denardin, Santiago, Chile  
Dora Altbir Drullinsky, Santiago, Chile  
Ali Ghasemi, Shahin Shahr, Iran  
Oliver Gutfleisch, Darmstadt, Germany  
Urs Hafeli, Vancouver, Canada  
Laura Heyderman, Switzerland  
F.X. Hu, Chinese Academy of Sciences (CAS),  
Beijing, China  
S.N. Kaul, Hyderabad, India  
Tae Hee Kim, Seoul, Korea  
Jauyn Grace Lin, Taipei, Taiwan  
Sadamichi Maekawa, Japan  
Vito Puliafito, Messina, Italy  
Theo Rasing

Ivan Schuller  
M.L. Tian, Chinese Academy of Sciences (CAS),  
Hefei, Anhui, China  
D. Wei, Tsinghua University, Beijing, China  
Mingzhong Wu, Fort Collins, CO, USA  
Ruqian Wu, Irvine, CA, USA  
Shufeng Zhang, Tucson, AZ, USA  
Roberto D. Zysler, Bariloche, Argentina

### **Members until December 2021**

Sam Bader, Argonne, IL, USA  
Roy Chantrell, York, United Kingdom  
Michael Farle, Duisburg, Germany  
Dominique Givord, Grenoble, France  
Wei Han, Beijing, China  
Can-Ming Hu, Winnipeg, Canada  
X. F. Jin, Shanghai, P. R. China  
Alexandra Kalashnikova, St. Petersburg, Russia  
Tadeusz Kulik, Warsaw, Poland  
Yaowen Liu, Shanghai, China  
Ana Maria Llois, Buenos Aires, Argentina  
Guo-Xing Miao, Ontario, Canada  
Maria del Puerto Morales, Madrid, Spain  
Stefania Pizzini, Grenoble, France  
Valeria Rodionova, Kalingrad, Russia  
Yokiko Takahashi, Tsukuba, Japan  
Manuel Vázquez, Madrid, Spain  
Yizheng Wu, Shanghai, China