

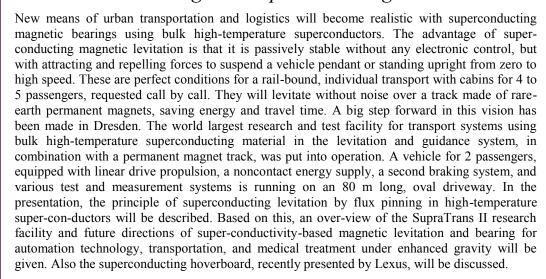
NEBRASKA CENTER FOR MATERIALS AND NANOSCIENCE 2015 SEMINAR SERIES PRESENTS



Professor Ludwig Schultz

Institute of Metallic Materials, Leibniz Institute of Solid State and Materials Research (IFW), Dresden, Germany Institute of Materials Science, TU Dresden; evico GmbH Dresden

Interaction of Ferromagnetic and Superconducting Permanent Magnets: Superconducting Levitation



Ludwig Schultz received the Ph.D. in physics from the University of Goettingen in 1976. In 1978 he was a postdoctoral fellow at IBM's Thomas J. Watson Research Center in Yorktown Heights, New York. From 1980 to 1993 he was a staff scientist and then head of the High Temperature Superconductors and Magnetic Materials Department at the Siemens Research Laboratories, Erlangen. In 1993 he became a Full Professor of Metallic Materials and Metal Physics at the TU Dresden and Director of the Institute of Metallic Materials at the Leibniz Institute of Solid State and Materials Research (IFW) Dresden. From 2008 to 2013 he was the Scientific Director of IFW Dresden. Since October 1, 2014 he is officially retired, but still active in materials research. He is also a Fellow Professor of the University of Ulsan (South Korea) and is affiliated to the International Laboratory of High Fields and Low Temperatures at Wroclaw (Poland). He has served on many Executive Boards and committees like German Physical Society (DPG). In 2011/12 he was the President of the "German Association for the Advancement of Science and Medicine (GDNAE)". In addition to chairing many conferences, he served as co-chair of the 2014 Intermag Conference in Dresden. Presently he is the Editor-in-Chief of the Journal of Alloys and Compounds. He has been awarded many honors and prizes, including the European Materials Gold Medal of the Federation of European Materials Societies (FEMS). Recently he became an Honorary Member of the German Association of Materials Science (DGM). His research program has included superconducting materials, magnetic materials, amorphous and nanocrystalline materials, and electrochemical and mechanical properties of alloys. In these fields he published more than 1000 publications with more than 27000 citations.

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Monday, October 26, 4:00 pm | 136 Jorgensen Hall 3:45 – refreshments in Jorgensen Atrium





Professor Ludwig Schultz

Host: Professor Christian Binek

Department of Physics & Astronomy

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