

AKIRA KOHYAMA

SEX: MALE / BIRTHDAY SEP. 13, 1945

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RESEARCH FIELD

Working for Lattice defects in Metals, Welding Methods and Welding Metallurgy, Metal Matrix Composite Materials, Nuclear Fission and Fusion Materials, Ceramics and Ceramic Composite Materials

EXPERIENCE

1971-1976 **Sumitomo Metal Industries Co., Ltd.**, JAPAN
Researcher

1976-1994 **Department of Materials Science, University of Tokyo**, JAPAN
Associate Professor

1994-2009 **Institute of Advanced Energy, Kyoto University**, JAPAN
Director General, Professor

2009-Present **Organization of Advanced Sustainability Initiative for Energy System/Materials, Muroran Institute of Technology**, JAPAN
Director General, Professor

EDUCATION

UNIVERSITY OF TOKYO, Tokyo, JAPAN

B.E., Department of Metallurgy, 1969.

“Radiation Induced Defects and Interstitial Impurity Interaction in Nb”

M.E., Graduate School of Engineering, 1971.

DEGREE

PhD from **UNIVERSITY OF TOKYO**, Tokyo, JAPAN (1981)

“Heavy Radiation Damage in Metals”

TECHNICAL PAPERS and AWARD

Papers – Have presented or published more than 650 technical papers.

PROFESSIONAL MEMBERSHIPS/POSITION AND COMMITTEES

- Chairman of Fusion Committee of Japan Academy of Science
- Fellow, The American Ceramic Society
- Fellow, Atomic Energy Society of Japan
- Former division chair of Fusion Engineering Division of AESJ
- Former division chair of Materials Science and Technology Division of AESJ
- Chairman of Fusion Materials Forum since 1989
- Chancellor to Japan Society of Plasma Science and Fusion, Japan Institute of Metals, Japan High Temperature Society and Japan Society for Composite Materials

PERSONAL

Married.

JAPANESE Citizen.

List of Papers

1. A.Kohyama, "INSPIRE" Project for R & D of SiC/SiC Fuel Cladding by NITE Method", *Ceramic Transactions*, 246, p.99-108, 2014
2. A. Kohyama, H. Kishimoto, "SiC / SiC composite materials for nuclear applications", *Nuclear Safety and Simulation*, 4 (2), pp. 72-79, 2013
3. A. Kohyama, Y. Kohno, H. Kishimoto, J.S. Park, H.C. Jung, K. Shimoda, "Integrated R & D of SiC matrix ceramic composites for energy/environmental application", *Ceramic Engineering and Science Proceedings* 32 (9), pp. 95-101, 2011.
4. A. Kohyama, J.-S. Park, H.-C. Jung, "Advanced SiC fibers and SiC/SiC composites toward industrialization", *Journal of Nuclear Materials* 417 (1-3), pp. 340-343, 2011.
5. T. Nozawa, H. Tanigawa, J.-S. Park, A. Kohyama, "Fracture resistance of silicon carbide composites using various notched specimens", *Ceramic Engineering and Science Proceedings* 30 (10), pp. 65-76, 2010.

Etc. (More than 650 papers and presentations)