

Tatsuki Ohji, Curriculum Vitae

Family Name: Ohji

Given Name: Tatsuki

Nationality: Japan

Present Position and Title: Prime Senior Research Scientist, National Institute of Advanced Industrial Science and Technology (AIST), Japan, and Designated Professor, Graduate School of Science and Engineering, Meijo University, Japan



Office Address: Advanced Manufacturing Research Institute (AIST Chubu), Anagahora 2266-98, Shimo-shidami, Moriyama-ku, Nagoya 463-8560, Japan
TEL +81-52-736-7096, FAX +81-52-736-7405, E-mail: t-ohji@aist.go.jp

Education:

March 1981: BS (Bachelor of Engineering), Nagoya Institute of Technology, Japan (Mechanical Engineering)

March 1983: MS (Master of Engineering), Nagoya Institute of Technology, Japan (Mechanical Engineering)

March 1990: Ph. D. (Doctor of Engineering): Tokyo Institute of Technology, Japan (Inorganic Materials Engineering).

Professional Experiences:

April 1983 – September 1990:

Researcher, National Industrial Research Institute of Nagoya

October 1990 – March 1997:

Senior Researcher, National Industrial Research Institute of Nagoya

March 1991 – February 1992:

Visiting Scientist, University of California, Berkeley, USA

April 1997 – March 2001:

Leader of Super Deformation and Nano-Science Lab, National Industrial Research Institute of Nagoya

April 2001 – September 2007:

Principal Research Scientist, National Institute of Advanced Industrial Science and Technology (AIST)

August 2002 – Present:

Designated Professor, Graduate School of Science and Engineering, Meijo University

October 2003 – March 2004:

Visiting Lecturer, Materials and Structure Laboratory, Tokyo Institute of Technology

October 2007 – Present:

Principal Research Scientist, National Institute of Advanced Industrial Science and

Technology (AIST)

Present Research Activities:

As a Prime Senior Research Scientist of AIST, Dr. Ohji is now focusing on the following subjects

- Mechanical property characterization of ceramics, ceramic composites and porous materials
- Microstructural design of advanced ceramic materials for better performance
- Meso – macro porous/nano array structure controls of oxide ceramics thin films
- Green manufacturing of ceramic components

AIST is the largest national research institution in Japan with about 2500 permanent research staffs, conducting research works at various stages, from basic to applied, in a wide range of fields including nanotechnology and materials, biotechnology, information technology, environment, energy, geology, and standards and metrology.

http://www.aist.go.jp/index_en.html

AIST's Prime Senior Research Scientist is a special position that is given to a researcher with outstanding research achievements and is exempted from any management works to dedicate him/herself to his/her own research activities. AIST has currently 12 Prime Senior Research Scientists in various research fields.

Publications:

Journal Papers: More than 300
Proceedings: 16
Books: 7 (Author), 14 (Editor)
Patents: 37 (Domestic), 5 (oversea)

See "List of Publications" for the details. He has been recognized as the most highly cited author who has published papers in Journal of the American Ceramic Society from 1999 to 2004 (2005 Blackwell Publishing Survey).

Awards and Recognitions

January 1998: Best Paper Award, Engineering Ceramics Division, the American Ceramic Society
May 2001: Certificate of Commendation, the Association for International Standardization Promotion (ISO 15490)
January 2002: Best Poster Award, Engineering Ceramics Division, the American Ceramic Society
August 2002: Plaque of Commendation, Hang-Yang University, Korea
May 2003: Academy Award, the Ceramic Society of Japan
January 2004: Best Poster Award, Engineering Ceramics Division, the American Ceramic Society
April 2004: Fellow, the American Ceramic Society
May 2006: Certificate of Commendation, Association for International Standardization Promotion (ISO 22215)
October 2006: Academician, the World Academy of Ceramics
October 2008: IIM Lectureship Award, ASM International

January 2009: Best Poster Award, Engineering Ceramics Division, the American Ceramic Society
March 2009 Academic Photographic Award, the Ceramic Society of Japan
June 2009: Research Advancement Award, the Japan Society of Powder and Powder Metallurgy
Others: 7

International Activities:

April 1995 – March 2000:

Convener of ISO (International Organization of Standards) /Technical Committee 206, Test method for tensile strength of monolithic ceramics at room temperature (ISO15490:2000)

April 2003 – March 2005:

Convener of ISO (International Organization of Standards) /Technical Committee 206, Test method for tensile creep of monolithic ceramics (ISO22215:2005)

April 2003 – Present:

Associate Editor of International Journal of Applied Ceramic Technology, the American Ceramic Society

April 2003 – Present:

Associate Editor of Journal of the American Ceramic Society

March 2005 – Present:

International Editor of Journal of the Korean Ceramic Society

May 2005 – Present:

Chair of the Award Committee of the Engineering Ceramic Division, the American Ceramic Society

October 2006 – Present:

Associate Editor of Journal of Materials Engineering and Performance, ASM International

December 2006 – Present:

Associate Editor of Ceramic International

October 2007 – October 2008

Secretary of the Engineering Ceramic Division, the American Ceramic Society

October 2008 – October 2009:

Vice Chair of the Engineering Ceramic Division, the American Ceramic Society

July 2009 – Present:

Associate Editor of International Materials Review, ASM International

October 2009 – Present:

Chair-Elect of the Engineering Ceramic Division, the American Ceramic Society

Chairs and Organizers of International Conferences:

30 or more

Key Note and Invited Lecturers of International Conferences:

45

Society Memberships:

Fellow and Member of the American Ceramic Society

Member of ASM International
Member of ASTM International
Member of the World Academy of Ceramics

Director and Member of the Ceramic Society of Japan
Council and Member of the Society of Materials Science, Japan
Member of the Japan Society of Powder and Powder Metallurgy