



長井 寿 (Kotobu Nagai)

National Institute for Materials Science (NIMS),
Senior Scientist, Research Center for Structural Materials

Science Council of Japan (Member, Materials Engineering)
Engineering Academy of Japan (Associate Executive Director)

1-2-1 Sengen, Tsukuba, Ibaraki 305-0047, Japan
029 860 4952(Tel) nagai.kotobu@nims.go.jp (e-mail)

Date of Birth: December 30, 1951, **Nationality:** Japanese, **Sex:** Male

Passport: JPN TK2811969 issued 27 AUG 2012 expires 27 AUG 2020

Permanent Address: 1,096 Sasakawa, Asahi, Simoniikawa, Toyama 939-0711, Japan

Present Address: 8-1-1-801 Minamisenju, Arakawa, Tokyo 116-0003, Japan

Academic Background:

(1977) University of Tokyo, Graduate School of Engineering, Metals and Materials Engineering, Master
Doctor Thesis: Study on Ni-Containing Cryogenic Steels (1981, University of Tokyo)

Professional Career (as of April 1st, 2016):

(1977) Assistant, The Department of Materials Science, The Faculty of Engineering, The University of Tokyo
(1981) Moved to Tsukuba Branch, National Research Institute for Metals (NRIM)
(1985) Visiting Scholar, The University of California, Berkeley
(1993) Senior Researcher, Mechanical Properties Division, NRIM
(1997) 800MPa High Strength Steel Task Force Leader, Frontier Research Center for Structural Materials, NRIM
(2001) Sub Group Leader, 3rd Sub Group Materials Creation Research Group, Materials Engineering Laboratory, NIMS
(2002) General Manager, Steel Research Center and Director, Metallurgical Processing Group, NIMS
(2006) Coordinating Director, Environment and Energy Materials, NIMS
(2011) Director, Research Network and Facility Services Division, NIMS
(2010) Manager, Global Research Center for Energy & Environment Materials, NIMS
(2014) Director, Research Center for Structural Materials, NIMS
(2016) Senior Scientist, Research Center for Structural Materials, NIMS

Fields of Study:

- Microstructure and Deformation,/Fracture in Metallic Materials
- Deformation /Fracture at Low Temperature in Ferrous Alloys, Titanium Alloys and other metals
- Recyclable Materials Design (Balanced Performance of Material's Properties)

Papers Published:

249 Originals, 493 Proceedings (refereed), and 90 Reviews

Patents Registered:

Domestic: 48, and Overseas: 62

Awards:

ISI Scientific Achievement Merit Prize (2010) "Trade-off balancing of low environmental load and high performance", ISI Sawamura Paper Award (2007) "Morphology Control of Copper Sulfide in Strip Casting of Low Carbon Steel", and other 10.