

## CURRICULUM VITAE

Name: Yoshihito Kawamura

Birthday: 1960/08/20

Nationality: Japanese



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Education: March 1983: Bachelor degree, Materials Science and Technology, Nagoya University, Japan  
March 1985: Master degree, Materials Science and Technology, Nagoya University, Japan  
March 1993: Doctor of Engineering, Tohoku University, Japan

Employment: Researcher, R&D Division, Nippon Denso Inc., 1985-1989  
Research Associate, IMR, Tohoku University, 1993-1999  
Associate Professor, IMR, Tohoku University, 1999-2000  
Associate Professor, Kumamoto University, 2000-2003  
Professor, Kumamoto University, since 2004  
Director, Magnesium Research Center (MRC), Kumamoto University, since 2011

Other activities: Kyushu Branch Chief, Japan Institute of Light Metal, 2011-2012  
A Member of the Board of Directors, Japan Institute of Metals, since 2013

Publications: Over 240 papers published in international scientific journals.  
(244 papers are cited in SCOPUS, Citation number is 6,211, and *h*-index is 43)

Membership: TMS, JIM, JILM

I started graduate studies on consolidation of amorphous alloy powders as master course student under Professor Toru Imura in 1984. I worked at R&D division of Nippon Denso Inc., where I worked on amorphous alloys research for 5 years from 1985. In 1990, I started research on development of high-strength amorphous and nanocrystalline aluminum alloys as a doctor course student under Professor Tsuyoshi Masumoto. After I got the doctorate in Engineering in 1993, I was appointed to a position as research associate and associate professor at Institute of Materials Research, Tohoku University. During this period I was chiefly engaged in works concerning deformation behavior of bulk metallic glasses, consolidation of bulk metallic glass powders, development of nanocrystalline soft-magnetic materials by consolidation of amorphous alloy powders and so on, and have had numerous contacts with other scientists in this field.

In 1999, I started research on the development of high-strength magnesium alloys using rapidly solidified powder metallurgy processing. I discovered high-strength magnesium alloys with long period stacking ordered (LPSO) structure in 2001, and I developed high-strength LPSO type magnesium alloys using conventional ingot metallurgy processing in 2003. Since 2003, I have been or are currently being carrying out three national projects on LPSO magnesium alloys. On Dec., 2011, I have established a Magnesium Research Center at Kumamoto University.