

<b>Personal Information</b>	
Full name	Katsuaki Yanagiuchi
Current position	Leader of Products Characterization & Solution Unit
Organization	TDK CORPORATION
Country	Japan



**Short Biography**

**Education**

- 1982 B.S. degree in Physics from Chuo University
- 2004 Ph.D. (Engineering) from Shinshuu University

**Professional Experience**

- 1982-present TDK CORPORATION
  - 1982-1997 Material Analysis Group, R&D Center
  - 1997-2015 Leader of Analysis Technology Team, Data Storage Components Business Group
  - 2015-present Leader of Products Characterization & Solution Unit, Quality Assurance Group

**Professional Society**

- President of Surface Analysis Society of Japan (2008-2014)
- Board member of Surface Science Society of Japan
- Member of the 141st Committee on Microbeam Analysis of the Japan Society for the Promotion of Science
- Chair in Japan of ISO TC201 SC1, SC2 and SC3

**Major Interest**

- Surface analysis: AES, XPS, TOF-SIMS, AFM
- Micro-beam analysis: SEM, TEM, Cs-STEM, EDS, EELS, FIB, 3D atom probe
- Magnetic analysis: XMCD, MFM, Electron beam holography
- Magnetic recording, Magnetic material, Magnetic head, Semiconductor process technique, Machining technique, Failure analysis