

## Invited & Special Talks (Ko Mibu)

(Updated on October 08, 2017)

- (17) Effective Use of Synchrotron-Radiation Mössbauer Spectroscopy for the Studies on Spintronics-Related Materials [in Japanese]  
(Invited)  
K. Mibu  
JAEA-QST Synchrotron Radiation Research Symposium 2017  
February 23, 2017, Sayo, Japan
- (16) Studies on Thin Iron-Oxide Films as Components for Spintronics Devices Using Conventional and Synchrotron-Radiation Mössbauer Spectroscopy  
(Invited)  
K. Mibu  
The 2nd Mediterranean Conference on the Applications of Mossbauer Effect (MECAME2016)  
June 02, 2016, Cavtat, Croatia.
- (15) Setups for Synchrotron-Radiation Mössbauer Spectroscopy Using a Nuclear Bragg Monochromater at SPring-8 and Their Applications to Spintronics-Related Thin Films  
(Invited)  
K. Mibu  
The 5th International Workshop on Nuclear Resonance Scattering  
September 23, 2015, Hamburg, Germany
- (14) Studies on Spintronics-Related Phenomena and Materials Using Synchrotron-Radiation Mössbauer Spectroscopy [in Japanese]  
(Invited)  
K. Mibu  
JAEA Synchrotron Radiation Research Symposium 2015  
March 16, 2015, Sayo, Japan
- (13) Studies on Spintronics-Related Thin Films Using Synchrotron-Radiation-Based Mössbauer Spectroscopy  
(Invited)  
K. Mibu  
International Symposium on the Industrial Applications of the Mössbauer Effect (ISIAME 2012)  
September 6, 2012, Dalian, China
- (12) Investigations on Thin Fe Films and Heusler Alloy Films Using Synchrotron-Radiation-Based Mössbauer Spectroscopy  
(Invited)  
K. Mibu  
3rd Joint International Conference on Hyperfine Interactions and International Symposium on Nuclear Quadrupole Interactions (HFI/NQI 2010)  
September 14, 2010, Geneva, Switzerland
- (11) Application of  $^{119}\text{Sn}$  Mössbauer Spectroscopy to the Studies on Electron Spin Polarization in Metallic Multilayers  
(Invited)  
K. Mibu  
6th Workshop on Mössbauer Spectroscopy  
June 8, 2006, Seeheim, Germany
- (10) Magnetic Structures and Magnetization Process of Magnetic Vortices Induced in Circular,

- Rectangular, and Elliptical Nano-Dots  
(Invited)  
K. Mibu, T. Okuno, and T. Shinjo  
3rd International Conference on Materials for Advanced Technologies (ICMAT 2005)  
July 5, 2005, Singapore
- (9) Control of Magnetic Structures of Metallic Multilayers and Nano-Patterns Using Interfacial and Shape-Induced Effects – Spin-Density Waves, Magnetic Domain Walls, and Magnetic Vortices –  
(Invited)  
K. Mibu  
3rd International Workshop on Surface, Interface, and Thin Film Physics  
May 27, 2004, Shanghai, China
- (8) Electron Spin-Polarization in Metallic Multilayers Studied through  $^{119}\text{Sn}$  Nuclear Probes  
(Invited)  
K. Mibu  
JSPS Belgium-Japan Binational Seminar “Nuclear Resonance with Synchrotron Radiation: Heterodyne Detection and Its Application to the Nano-Science”  
December 1, 2003, Toyonaka, Japan
- (7) Magnetoresistance of Domain Walls with Well-Characterized Internal Magnetic Structures  
(Invited)  
K. Mibu and K. Miyake  
International Workshop on Nano-Scale Magnetoelectronics (NANOMAG 2003)  
November 26, 2003, Nagoya, Japan
- (6) Magnetic Structures and Magnetoresistance of Magnetic Nanodots and Nanowires  
(Invited)  
K. Mibu, T. Okuno, K. Miyake, K. Shigeto, T. Ono, and T. Shinjo  
2002 MRS Fall Meeting, Symposium Q  
December 2, 2002, Boston, USA
- (5) Control of Spin Structure of Cr by Periodic Insertion of Nonmagnetic Monatomic Layers  
(Invited)  
K. Mibu and T. Shinjo  
17th International Colloquium on Magnetic Films and Surfaces (ICMFS 2002)  
March 8, 2002, Kyoto, Japan
- (4) Magnetism of Cr-Based Multilayered Films Studied using  $^{119}\text{Sn}$  Mössbauer Spectroscopy  
(Invited)  
K. Mibu, M. Almokhtar, and T. Shinjo  
International Conference on the Applications of the Mössbauer Effect (ICAME 2001)  
September 7, 2001, Oxford, UK
- (3) Control of Magnetic Properties by Nano-Structural Engineering  
(Invited)  
K. Mibu and T. Shinjo  
International Conference on Materials for Advanced Technologies (ICMAT 2001)  
July 4, 2001, Singapore
- (2) Control of Magnetic Structure of Multilayers using Interfacial Magnetic Pinning  
(Special)  
K. Mibu and T. Shinjo  
International Symposium on Surface and Interface –Properties of Different Symmetry Crossing–  
(ISSI PDSC-2000)

October 17, 2000, Nagoya, Japan

- (1) Control of Magnetic Properties of Thin Cr Films by Periodically Inserted Monatomic Layers [in Japanese]  
(Invited)  
K. Mibu  
55th Annual Meeting of the Physical Society of Japan  
September 22, 2000, Niigata, Japan