

3.4. Invited Persons

The GCOE invited 41 persons from outside of Tohoku University for lectures, seminars, conference talks, and research meetings etc. in 2011 fiscal year. These invited persons are as listed below.

No.	Date(s)	Name (research field, position) Institution Remarks
1.	Sep, 24-Oct.03, 2011	Eiichirou Komatus (Astrophysics, Professor) Texas Cosmology Center, the University of Texas at Austin, USA The 21st workshop on General Relativity and Gravitation in Japan (JGRG21) (2011.9.26-9.29, Sakura Hall, Katahira Campus, Tohoku University, Sendai, Japan) and Research meeting. Talk-title: "Cosmology in the Next Decade"
2.	Sep. 26-28, 2011	Shoji Asai (Particle Physics, Associate Professor) University of Tokyo, Japan. The 21st workshop on General Relativity and Gravitation in Japan (JGRG21) (2011.9.26-29, Sakura Hall, Katahira Campus, Tohoku University) and Research meeting. Seminar-title: "The latest results of LHC - Hint of higgs and Dark matter"
3.	Sep. 27-29, 2011	Keiichi Maeda (Astrophysics, Professor) Waseda University, Japan The 21st workshop on General Relativity and Gravitation in Japan (JGRG21) (2011.9.26-9.29, Sakura Hall, Katahira Campus, Tohoku University, Sendai, Japan) and Research meeting.
4.	Oct. 03-08, 2011	Zheng Sib (Particle Physics, Associate Professor) Chongqing University, China Seminar and research meeting on SUSY (2011.10.4-7, Tohoku University, Sendai, Japan) Seminar-title: "A Simple Model of Direct Gauge Mediation"
5.	Oct. 12-15, 2011	Shin'ichiro Ando (Particle Physics, Assistant Professor), GRAPPA, University of Amsterdam, Netherland Research meeting (2011.10.13-14, Tohoku University, Sendai, Japan) and Seminar (2011.10.13, Tohoku University, Sendai, Japan) Seminar-title: "Gamma-ray probes of dark matter annihilation"

6	Oct.23-25, 2011	Masakazu Yamamoto (Mathematics, Assistant Professor) Hirosaki University, Japan Intensive Lecture: "Large-time behavior of solutions to the model of semiconductor device simulations"
7.	Nov. 10-11, 2011	Noriyoshi Ishii (Particle Physics, Associate Professor) University of Tsukuba, Japan Research meeting on construction of QCD network in Japan (2011.11.10-11, Tohoku University, Sendai, Japan)
8	Nov.21-23, 2011	Michihiko Fujii (Mathematics, Associate Professor) Kyoto University, Japan
9	Nov. 22-24, 2011	Shuji Machihara (Mathematics, Associate Professor) Saitama University, Japan
10.	Nov. 30-Dec. 10. 5, 2011	Hiroshi Yokoya (Particle Physics, Associate Professor) National Taiwan University, Taiwan Research meeting on LHC physics (2011.11.30-12.10, Tohoku University, Sendai, Japan)
11	Dec. 12-13, 2011	Shuji Machihara (Mathematics, Associate Professor) Saitama University, Japan
12	Dec.19-20, 2011	Kiyoshi Takeuchi (Mathematics, Associate Professor) University of Tsukuba, Japan
13	Jan. 15-18, 2012	Marek Fila (Mathematics, Professor) Comenius University, Slovakia
14	Jan.15-18, 2012	Takasi Ichinose (Mathematics, Professor Emeritus) Kanazawa University, Japan
15.	Jan. 16-18, 2012	Shuichirou Yokoyama (Physics, Researcher) Nagoya University, Japan. Research meeting on non-Gaussian analysis for large -scale structure of the cosmos (2012.1.16-18, Tohoku University, Sendai, Japan)
16	Jan. 30-31, 2012	Eriko Hironaka (Mathematics, Professor) Florida State University, UAS
17.	Feb. 13-23, 2012	Peter Schupp (Particle Physics, Professor) Jacobs University Bremen, Germany Intensive lecture (2012.2.15-17, Tohoku University), the 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Lecture: "Membrane, Quantum Geometry and Nambu-Poisson Sigma Models"

		Talk-title: "Space-time quantum geometry"
18.	Feb. 14-18, 2012	Matsuo Sato (Particle Physics, Associate Professor) Hirosaki University, Japan Research meeting on particle cosmology (2012.2.14-18, Tohoku University, Sendai, Japan)
19.	Feb. 15-23, 2012	Howard Smith (Astrophysics, Professor) Harvard-Smithsonian Center for Astrophysics (CfA), USA The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Star Formation Near and Far: Recent Smithsonian Infrared-Submillimeter Research"
20.	Feb. 17-23, 2012	Lauranne Lantz (Astrophysics, Doctoral student) Harvard-Smithsonian Center for Astrophysics (CfA), USA The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Investigating Galaxy Interactions from the Ultraviolet to the Far-Infrared"
21.	Feb. 18-23, 2012	Michael Brockmann (Physics, Associate Professor) University of Wuppertal, Germany The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Microwave Absorption by Anti-Ferromagnetic Spin Chains"
22.	Feb. 19-23, 2012	Matsuo Sato (Particle Physics, Associate Professor) Hirosaki University, Japan The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "3-algebra Model of M-theory"
23.	Feb. 19-23, 2012	Yosinori Imai (Condensed Matter Physics, Professor) The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Dynamics of superfluids and quasiparticles in iron-based superconductors investigated by microwave to terahertz conductivity measurements"
24.	Feb. 19-23, 2012	Hans-Josef Schulze (Nuclear Physics, Professor) INFN-University of Catania, Italy The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan)

		University, Sendai, Japan) Talk-title: "Neutron stars with hyperons and quarks"
25.	Feb. 19-22, 2012	Hayato Chiba (Mathematics, Assistant Professor) Institute of Mathematics for Industry, Kyushu university, Japan The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Synchronization - A bifurcation theory of infinite dimensional dynamical systems –"
26.	Feb. 19-24, 2012	Peter Kroes (Philosophy, Professor) Delft University of Technology, Holland The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "The creation of physical phenomena and of technical artefacts"
27.	Feb. 19-24, 2012	Sachiko Maki (Condensed Matter Physics, Doctoral student D3)) Nagoya University, Japan The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Structural Study on Quasi One-dimensional Organic Conductor, (TMTTF) ₂ PF ₆ by Synchrotron X-ray Diffraction"
28.	Feb. 19-23, 2012	Mireya Etzaluze Azkonaga (Astrophysics, Research Associate) Centro de Astrobiologia, Instituto Nacional de Técnica Aeroespacial (CSIC/INTA), Spain. The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Herschel/SPIRE FTS observations of the Sagittarius B2 molecular cloud"
29.	Feb. 19-24, 2012	Luca del Frate (Philosophy, Doctoral student) Delft University of Technology, Holland The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Failure of engineering artefacts: a life cycle approach"
30.	Feb. 19-24, 2012	Shigeyuki Aoki (Philosophy, Associate Professor) Aizu University, Japan The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Philosophy of Science Useful for Scientists?"

31.	Feb. 19-23, 2012	<p>Patrick Achenbach (Nuclear Physics, Research Associate) Institute of Nuclear Physics, Joh. Gutenberg University Mainz, Germany The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "High-precision form factor measurements at MAMI"</p>
32.	Feb. 19-23, 2012	<p>Yasunori Maekawa (Mathematics, Associate Professor) Kobe University, Japan The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "On vorticity formulation for viscous incompressible flows in the half plane and its application to the inviscid limit problem"</p>
33.	Feb. 19-25, 2012	<p>Andreas Kluemper (Condensed Matter Physics, Professor) University of Wuppertal, Germany The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Exact results for many body systems by use of the Yang-Baxter equation and related algebraic structures"</p>
34.	Feb. 20-22, 2012	<p>Kazuhiro Yamamoto (Astrophysics, Associate Professor) Hiroshima University, Japan The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Accelerating expansion of the universe and testing gravity on cosmological scales"</p>
35.	Feb. 20-22, 2012	<p>Tomohiro Fukaya (Mathematics, Associate Professor) Kyoto University, Japan The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "Coarse Baum-Connes conjecture for relatively hyperbolic groups"</p>
36.	Feb. 20-26, 2012	<p>Alejandro Ibarra (Particle Physics, Professor) Technische Universität München (TUM), Germany Research meeting on the origin of matter and the dark matter. Seminar : "Neutrino masses in a two Higgs doublet model"</p>
37.	Feb. 21-22, 2012	<p>Masahiro Kawasaki (Particle Cosmology, Professor) ICRR, University of Tokyo, Japan The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan)</p>

		University, Sendai, Japan) Talk-title: "Axion Cosmology"
38	Feb. 21, 2011	Hiroaki Matsueda (Condensed Matter Physics, Assistant Professor) The 4th GCOE international symposium (2012.2.20-22, Tohoku University, Sendai, Japan) Talk-title: "AdS/CFT correspondence in statistical and information physics"
39	Mar. 06-26, 2012	Jin Min Yang (Particle Physics, Professor) Institute of Theoretical Physics, Chinese Academy of Sciences, Beijing, China Research meeting on LHC physics
40	Mar. 22-24, 2012	Takashi Sakai (Mathematics, Associate Prof.) Tokyo Metropolitan University, Japan
41	Mar. 29-30, 2012	Kouhei Kamada (Particle Physics, Research Associate) DESY, Hamburg, Germany Research meeting on the origin of matter-antimatter asymmetry in the universe and the dark matter
