欧州研究会議（ERC）セミナー

研究助成の原則とそのメカニズム

日時：平成22年8月26日（木）10時45分-12時15分
会場：東京工業大学 蔵前会館 ロイアルブルーホール

欧州連合は、欧州の27カ国の加盟国から構成され、科学技術の分野では、枠組計画（FP: Framework Programme）のもとで、共同で研究に取り組んでいます。そして、2007年から2013年までの期間をカバーしている「FP7（第七次研究枠組計画）」は、欧州連合の加盟国と13の関連国への研究助成の主要な手段となっています。また、FP7は、EUのすべての研究関連イニシアティヴを共通の枠組みのもとに（いわば一つの屋根の下に）結び付け、「成長」「競争」「雇用」のゴールに到達するために重要な役割を果たしています。

欧州研究会議（ERC: European Research Council）は、FP7の重要な役割の一端を担い、研究者主導のフロンティア研究を支援するために設立された欧州最初の研究支援機関です。ERCの研究助成は、若手あるいは上級研究者が率いるプロジェクトに自由競争を通じて供与されます。この助成は、国籍を問わず、欧州で勤務するあるいは研究の為に欧州で勤務する予定の研究者に受け渡され、唯一の判断基準は「科学技術的優秀性」のみです。

ノヴォトニー教授は、2010年3月にERCの理事長に就任しました。教授は、科学技術に関する研究の専門家であり、チューリッヒ工科大学の教授を勤めました。さらに教授は、科学アドバイザーや科学検討関連のポストを数多く勤めてきました。

本日は、2007年に設立された、すでに全世界で非常に高く評価されているERCについて講演を行います。教授はこの新しい資金助成組織の原則を紹介し、全世界の研究者に開かれた、この公募と助成の初期の成果の幾つかを紹介いたします。

Programme
司会 ： 高田潤一教授（東京工業大学）
10:45-10:50 開会の挨拶（東京工業大学）
10:50-11:05 歐州連合第七次研究枠組計画
Dr. Barbara Rhode(バーバラ・ローデ) 駐日欧州連合代表部科学技術部長
11:05-11:25 歐州研究会議（European Research Council）について
Prof. Helga NOWOTNY(ヘルガ・ノヴォトニー)欧州研究会議理事長
11:25-11:40 歐州研究会議の現状
Dr. Jack Metthey(ジャック・メテ) 歐州研究会議臨時局長
11:40-11:55 ERC研究助成を受給して
Dr. Takashi Hiiragi(柊卓志), マックス・プランク免疫生物学研究所
11:55-12:10 質疑応答
12:10-12:15 閉会の挨拶（東京工業大学）
Background Information

Helga Nowotny (Helga Nowotny) is Professor em. ETH Zurich of Social Studies of Science and former Director of its Collegium Helveticum. During her distinguished career she held numerous advisory positions throughout Europe and at EU level, such as Chair of EURAB, the European Research Advisory Board of the European Commission from 2001-2006. Currently she is Chair of the Scientific Advisory Board of the University of Vienna. Helga Nowotny has a doctorate in law from the University of Vienna and a Ph.D. in sociology from Columbia University, New York. Before moving to ETH Zurich she was professor at the University of Vienna and Permanent Fellow at Collegium Budapest/Institute of Advanced Study. She has held teaching and research positions at King’s College, Cambridge, the University of Bielefeld, the Wissenschaftszentrum Berlin and at the Ecoles des Hautes Etudes en Sciences Sociales in Paris. She has been a Fellow at the Wissenschaftskolleg zu Berlin and is a former president of the International Society for the Study of Time. She is a member of the Royal Swedish Academy of Sciences, of Academia Europaea and a founding member of Euroscience. Among other awards, she received in 2003 the John Desmond Bernal Prize for life-long achievement in social studies of science and in 2002 the Arthur Burckhardt-Preis. Her main scientific interests are in social studies of science, science and society and social time. Among her many publications in social studies of science and technology the most recent are “The New Production of Knowledge” (co-authored) and its sequel “Re-thinking Science. Knowledge and the Public in an Age of Uncertainty” (with P. Scott, M. Gibbons). “The Public Nature of Science under Assault: Politics, Markets, Science and the Law” (co-authored) was published in 2006 as well as “Cultures of Technology and the Quest for Innovation” (editor). In 2008 MIT Press published “Insatiable Curiosity. Innovation in a Fragile Future”, translated from German and in 2011 MIT Press will publish “Naked Genes. Reinventing the Human in the Molecular Age”, co-authored with Giuseppe Testa, translated from German.

欧州研究会議の目標とは：

- 欧州において、すべての科学技術分野の優れた研究活動を支援
- 研究テーマの優勢順位決めることなく、研究者主導で、ボトムアップのフロンティア研究を支援
- 次世代の若手の独立した研究者、および、すでにトップの地位を確立している研究リーダーの研究を促進
- 欧州での研究実施を前提にして、研究者の国籍を問わずに研究能力の多様さを利用
- 世界レベルでのフロンティア研究での最も優れた受け入れ研究機関が存在する欧州の魅力と認知度の向上
- 「優秀性のみ」の基準を「欧州研究領域（European Research Area）」の中心に
Seminar on the European Research Council
Funding principles and granting mechanism -
Date: August 26th, 2010
Time: 10:45-12:15
Venue: Royal Blue Hall, Tokyo Tech Front, Tokyo Institute of Technology

The EU is composed of 27 member states located in Europe, which are working together in S&T under the Framework Programme. "FP 7" (the Seventh Framework Programme for research and technological development) is the European Union's chief instrument for funding research over the period 2007 to 2013 in the European Union and 13 associated countries. It brings together all research-related EU initiatives under a common roof playing a crucial role in reaching the goals of growth, competitiveness and employment.

As a flagship component of FP7, the European Research Council (ERC) is the first European funding body set up to support investigator-driven frontier research. ERC grants are awarded through open competition to projects headed by starting and established researchers, irrespective of their nationalities, who are working or moving to work in Europe - the sole criterion for selection is scientific excellence.

Prof. Nowotny is the President of ERC since 1st March 2010. She is a scholar of science and technology studies and a former professor of ETH Zurich. She has held numerous scientific advisory and scientific review positions.

Today, she is talking about the ERC, created in 2007, which is already highly regarded on the world stage. Prof. Nowotny is presenting the principles of this new funding organisation, and some of the early accomplishments in terms of calls and funding which are open to researchers from all over the world.

Programme
10:45-10:50 Introduction by Tokyo Institute of Technology
10:50-11:05 The EU 7th Framework Programme for Research
   Dr. Barbara Rhode, Head of S&T Section, Delegation of EU to Japan
11:05-11:25 Presentation of the European Research Council
   Prof. Helga NOWOTNY, President of ERC
11:25-11:40 "ERC state of play"
   Dr. Jack Metthey, Director (ad interim) of the ERC Executive Agency
11:40-11:55 Testimonial of an ERC Grantee
   Dr. Takashi Hiiragi, Max-Planck Institute of Immunobiology, Germany.
11:55-12:10 Q&A
12:10-12:15 Closing by TIT
Background Information

Prof. Dr. Helga NOWOTNY, Ph.D. (AT)

Current position: Professor em. ETH Zurich, currently based at the Vienna Science and Technology Fund (WWTF)

Helga Nowotny is Professor em. ETH Zurich of Social Studies of Science and former Director of its Collegium Helveticum. During her distinguished career she held numerous advisory positions throughout Europe and at EU level, such as Chair of EURAB, the European Research Advisory Board of the European Commission from 2001-2006. Currently she is Chair of the Scientific Advisory Board of the University of Vienna. Helga Nowotny has a doctorate in law from the University of Vienna and a Ph.D. in sociology from Columbia University, New York. Before moving to ETH Zurich she was professor at the University of Vienna and Permanent Fellow at Collegium Budapest/Institute of Advanced Study. She has held teaching and research positions at King’s College, Cambridge, the University of Bielefeld, the Wissenschaftszentrum Berlin and at the Ecoles des Hautes Etudes en Sciences Sociales in Paris. She has been a Fellow at the Wissenschaftskolleg zu Berlin and is a former president of the International Society for the Study of Time. She is a member of the Royal Swedish Academy of Sciences, of Academia Europaea and a founding member of Euroscience. Among other awards, she received in 2003 the John Desmond Bernal Prize for lifelong achievement in social studies of science and in 2002 the Arthur Burckhardt-Preis. Her main scientific interests are in social studies of science, science and society and social time. Among her many publications in social studies of science and technology the most recent are “The New Production of Knowledge” (co-authored) and its sequel “Re-thinking Science. Knowledge and the Public in an Age of Uncertainty” (with P. Scott, M. Gibbons). “The Public Nature of Science under Assault: Politics, Markets, Science and the Law” (co-authored) was published in 2006 as well as “Cultures of Technology and the Quest for Innovation” (editor). In 2008 MIT Press published “Insatiable Curiosity. Innovation in a Fragile Future”, translated from German and in 2011 MIT Press will publish “Naked Genes. Reinventing the Human in the Molecular Age”, co-authored with Giuseppe Testa, translated from German.

The ERC aims to

- support the best scientific efforts in Europe across all fields of science, scholarship and engineering
- be wholly committed to fund investigator-driven, or 'bottom-up' frontier research without setting any thematic priorities
- encourage the work of the next generation of young and independent researchers as well as of established top research leaders in Europe
- harness the diversity of research talent regardless of where they come from provided they work in Europe
- raise the attractiveness and visibility of Europe as having some of the best host institution in frontier research at global level
- put the criteria of “excellence only” at the heart of the European Research Area.