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The new brand reflects our thematic focus and our corporate identity.

EA Director Petra Ahrweiler
New EA Name: Europäische Akademie now EA European Academy
Since May 2014, the EA European Academy, formerly known as ‘Europäische Akademie zur Erforschung von Folgen wissenschaftlich-technischer Entwicklungen GmbH’, has a new name: ‘EA European Academy of Technology and Innovation Assessment GmbH’. “The new brand reflects our thematic focus and our corporate identity,” EA Director Petra Ahrweiler says, head of the research institute since April 2013. “For example, we are also doing research on innovation now – this needs to be part of our new name.” Moreover, the new English name became necessary because EA researchers work together with scientists and stakeholders from all over the world. The design of the new brand will be visible on the EA website soon.

> Further information on the new EA research focus

Official Launch of the New EA Brand: 1 October 2014
The new concept of the EA European Academy and its new look will be officially launched to the scientific community and various stakeholders on 1 October 2014. The event will take place at the EA European Academy in Bad Neuenahr-Ahrweiler and is open for the public.
Please register at info@ea-aw.de or give us a call: +49 (0) 2641 973-300.

New EA Scientific Advisory Board: Members Appointed
In line with the novel research focus of the EA European Academy, its Partners´ Assembly appointed a new Scientific Advisory Board. On its inaugural meeting on 5 May 2014, the new Board elected Dan Maher (NovaUCD, University College Dublin, Ireland) as its chairman. The Board members will scientifically advise and monitor the EA European Academy over the next three years.

The new EA Scientific Advisory Board:
- Dan Maher (NovaUCD, University College Dublin, Ireland) [CHAIR]
- Prof. Nigel Gilbert (University of Surrey, UK)
- Dr. Aoibheann Gibbons (University College Dublin, Ireland)
- Dr. Waltraud Kreutz-Gers (Chancellor/University of Mainz)
- Univ.-Prof. Dr. Michael Maskos (IMM Mainz/University of Mainz)
- Univ.-Prof. Dr. Andreas Pyka (University of Hohenheim)
- Dr. Andrea Scharnhorst (VKS Royal Netherlands Academy of Arts and Sciences, Amsterdam, The Netherlands)
- Prof. Dr. Kai-Uwe Schrogl (European Space Agency, Paris, France)
- Dr. Matthias Weber (Austrian Institute of Technology, Vienna, Austria)

Since January 2014, the EA European Academy is certified to ISO 9001:2008 for “Processes of Administration, Public Relations and Project Controlling”, verified by the independent and accredited certification body LRQA (Lloyd’s Register Quality Assurance).

> Further information on the EA certification

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New EA Voice: EA YouTube Channel
Watch the lectures of guest speakers such as, e.g., sociologist Nico Stehr who visited the EA Colloquium in February this year.

Further information on the EA YouTube Channel

New Membership: Petra Ahrweiler Appointed to Advisory Board of Karl Heinz Beckurts Foundation
The foundation’s goal is to foster research between academia and industry. Petra Ahrweiler’s curatorship lasts from 1 July 2014 until 30 June 2019.

Further information on the Karl-Heinz Beckurts Foundation

EA RESEARCH

EU-FUNDED EA PROJECTS

ProGReSS: PROmoting Global Responsible research & Social and Scientific innovation (FP7 Coordination and Support Action – CSA)
This EU funded project is promoting a European approach to Responsible Research and Innovation (RRI) through a global network. Therefore, the international ProGReSS team discusses RRI issues with stakeholders (e.g., academia, industry, policy advisors) from all over the world. Superior aim is to move RRI debates from the national or regional to the global level. In this context, EA ProGReSS members Stephan Lingner, Margret Engelhard and Benjamin Schrempf participated at the mid-term event in Beijing, China, 12–15 May 2014. At the main workshop, “Reaching all Sectors of Society with RRI” (Responsible Research and Innovation), researchers and experts from around the world discussed new ideas and insights into the concept of “Global Inclusive Innovation”.

ProGReSS meeting in China, May 2014
A further aim of ProGReSS is to give an overview on innovation policy issues for all continents. As the consortium does not include partners from South America, EA Director and ProGReSS member Petra Ahrweiler visited Brazil, among others, in March 2014, building on her good contacts to an academic network on bio-economy: “One result has been a funder report on Brazil, investigating to what degree research funding in this country encourages RRI,” she explains.

Further information on ProGReSS
Further information on deliverables (EA lead: WP 2 and WP 5)
Interview with Petra Ahrweiler on Responsible Research and Innovation (Video)

Contact:
Petra Ahrweiler
Stephan Lingner
Margret Engelhard
Benjamin Schrempf

GREAT: Governance for Responsible Innovation (FP7 Collaborative Project – CP)
The GREAT project members explore the dynamics of participation in research and innovation, and investigate the characteristics of responsible practices. At EA European Academy, researchers Harold Paredes-Frigolet and Benjamin Schrempf are responsible for work package 4: “Applied Analysis – Development of Case Studies” (WP 4 lead: Petra Ahrweiler). This work package
• provides empirical support for the theoretical framework on Responsible Research and Innovation (RRI) in GREAT; and
• generates empirical data to calibrate the agent-based model for simulating different RRI scenarios.
The dataset for the empirical research consists of 206 projects under the CIP ICT-PSP programme, a policy support programme promoting the use of information and communications technologies. This policy support programme has been funded as part of the competitiveness and innovation programme (CIP) of the European Commission. The objectives of our quantitative survey concerning the CIP ICT-PSP projects are to
• discover RRI profiles of EU-funded research organisations; and
• explore RRI life cycles of EU projects.

Further information on GREAT
Further information on deliverables (EA lead: WP 4)

Contact:
Petra Ahrweiler
Benjamin Schrempf

NanoDiaRA: Development of Novel Nanotechnology Based Diagnosed Systems for Rheumatoid Arthritis and Osteoarthritis (FP7 Collaborative Project – CP)
After four years of successful research, the EU funded project NanoDiaRA finished its work in Spring this year. The main objective was the development of nanotechnology-based diagnostic tools for easy and early detection of rheumatoid arthritis and osteoarthritis. NanoDiaRA was funded in the 7th Framework Programme for Research with a budget of 8.9 Mio. Euros and was coordinated by the EA European Academy and MatSearch, Pully, Switzerland. Since Autumn 2013, two conferences on research about nanoparticles in medicine took place in Bern, Switzerland, on 27/28 September 2013 and in Lisbon, Portugal, on 20/21 November 2013 – the latter one including a
lecture by EA Deputy Director Felix Thiele on ethical, social and legal issues in this field of research. The final NanoDiaRA meeting took place in Leuven, Belgium, on 19 February 2014.

Furthermore, the peer-reviewed publication "Nanomedicine: visions, risk, potential" by Felix Thiele (together with Jan Mehlich) was published in the European Journal of Nanomedicine (EUJNM), issue 3/2014, and is a result of the ELSI work package, coordinated by the EA European Academy.

→ READ MORE
→ Further information on NanoDiaRA
→ Further information on EUJNM publication

Contact:
→ Felix Thiele

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eGovPoliNet – The Policy Community: Building a Global, Multidisciplinary Digital Governance and Policy Modelling Research and Practice Community (FP7 Coordination and Support Action – CSA)

To overcome the currently existing fragmentation across disciplines, eGovPoliNet sets up an international community in ICT solutions (Information and Communication Technologies) for governance and policy modelling. The Coordination and Support Action investigates capabilities, tools and methods brought forward by academia, ICT industry and policy operators and collects them in an international knowledge base. In this context, the eGovPoliNet community financially supported the 2014 EA Annual Conference on social simulation for policy. The event focused on the agent-based SKIN model (Simulating Knowledge Dynamics in Innovation Networks) and took place at Eötvös University in Budapest, Hungary, on 22/23 May 2014. By applying the SKIN model researchers can simulate the structure and dynamics of innovation networks in complex social systems. It was the third SKIN meeting, organised by EA Director Petra Ahrweiler, Nigel Gilbert (University of Surrey, UK) and Andreas Pyka (University of Hohenheim).
Further information on eGovPoliNet
Further information on the 2014 EA Annual Conference (including keynote lectures on the EA YouTube channel, presentations and posters, Twitter feeds and more)

Contact:
Petra Ahrweiler

**KNOWeSCAPE: Analyzing the Dynamics of Information and Knowledge Landscapes (COST Action)**

The SSPoS delegates at their Leiden meeting, April 2014

There is no escape from the expansion of information, so that structuring and locating meaningful knowledge becomes ever more difficult. This COST Action tackles this urgent problem using the unique networking and capacity-building features provided by the COST framework. In April, KNOWeSCAPE co-funded a workshop on “Simulating the Social Processes of Science” (SSPoS) at Lorentz Center in Leiden, The Netherlands (7–11 April 2014). EA Director and Action member Petra Ahrweiler co-organised this workshop, which was a follow-up initiative of a Special Issue editorship on SSPoS in the Journal of Artificial Societies and Social Simulation (JASSS). The Leiden workshop revealed the wide diversity of model approaches and epistemic functions to foster thinking on the social and cognitive processes of science.

Further information on KNOWeSCAPE
Further information on the SSPoS Special Issue
Contact:
Petra Ahrweiler

**PEERE: New Frontiers of Peer Review and INOGOV: Innovations in Climate Governance: Sources, Patterns and Effects (COST Actions)**

Two EA team members were appointed to Managing Committees (MC) of EU funded COST Actions: EA Director Petra Ahrweiler is MC Member of PEERE (duration: 11/2013–11/2017) which focuses on quality indicators and measuring problems in science (kick-off meeting on 12/13 May 2014 at Brussels, Belgium). EA researcher André Schaffrin is MC Member of INOGOV (duration 11/2013–11/2017). This Action helps to build the capacity for innovation in climate governance (kick-off meeting on 5 June 2014 at Brussels, Belgium). Within working group III “Patterns – Policy Diffusion in Climate Governance”, the Mannheim Center of European Research will host the transnational governance conference in November 2014. Furthermore, the upcoming ECPR Joint Sessions of Workshops (European Consortium for Political Research) will take place at the University of Warsaw from 29 March–2 April 2015.

Further information on PEERE
Contact:
Petra Ahrweiler

Further information on INOGOV
Contact:
André Schaffrin
EnAHRgie: Conception of Sustainable Land Use and Energy Supply at the Municipal Level. Implementation in the Model Region Ahrweiler

The EnAHRgie project is designed to develop and apply a concept of sustainable land use in the district Ahrweiler with the focus on environmentally-friendly energy supply. This concept is attuned to long-range goals by engaging relevant (political, social and economic) stakeholders as well as the local population. After a positive evaluation of the project application by the German Federal Ministry of Education and Research (BMBF), the project is expected to start within the next months.

EnAHRgie project coordinator André Schaffrin was among the scientific organisers of the 2nd Energy and Society Conference "Energy Transitions as Societal Transitions: Challenges for the Present and the Future" at Jagiellonian University in Krakow, Poland, 4–6 June 2014. In this realm, he co-chaired several sessions, including a workshop on energy-related conflicts resolution, and presented results from the definition phase of EnAHRgie.


The interdisciplinary EA study on "Improving Energy Decisions" will be published with Springer Publishers in November 2014. The official book launch will take place at Landesvertretung Rheinland-Pfalz in Berlin on 16 December 2014. The event is open for the public. Please register at info(at)ea-aw.de.


Contact:

→ André Schaffrin
→ Bert Droste-Franke
Interdisciplinary Research and Trans-disciplinary Validity Claims

The EA study on “Interdisciplinary Research and Trans-disciplinary Validity Claims” will be published with Springer Publishers in November 2014.


→ Further information on Interdisciplinary Research

Contact:

→ Stephan Lingner

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EA EVENTS

UPCOMING

International EA Summer School, 15–19 September 2014: Analyzing the Societal Dimensions of Synthetic Biology

This year’s international EA Summer School will critically analyze different approaches to the evaluation of new techno-scientific areas, as exemplified by synthetic biology, with a particular emphasis on conceptual foundations. 18 candidates – chosen from a wide range of qualified applicants – will participate at the EA Summer School, funded by the German Federal Ministry of Education and Research (BMBF). The event takes place in Berlin in cooperation with the Center for Literary and Cultural Research from 15–19 September 2014. The EA Summer School is closing with a public discussion session, taking place at the Institute for Cultural Inquiry in Berlin on 19 September 2014, 7:30 pm. This session is open for the public. Join the discussion of what synthetic biology is all about – of its metaphors of creating life, its visions of saving lives, and of the question how social consequences of new techno-scientific fields can or should be evaluated.
Further information on the EA Summer School
Follow the EA Summer School on Twitter: #TaSynBioSummerSchool
Further information on the public discussion session on 19 September in Berlin

Contact:
Kristin Hagen
Margret Engelhard

Action Week in Rhineland-Palatinate, 20–27 September 2014:
A Country full of Energy
In the course of the action week on energy transition – “Ein Land voller Energie” – in September 2014, students from the county of Ahrweiler will visit the EA European Academy to participate in interactive workshops. They will investigate the issues of “What is science doing?”, “Where does electricity come from?” and “What are challenges and opportunities for the local energy transition?”.

Further information on the action week

Contact:
André Schaffrin

2015 EA Annual Conference, 16/17 March 2015:
Planning, Prediction, Innovation – Using Simulations and Maps
The conference will focus on the concepts and relations of planning, prediction and innovation, will discuss the management of gathering predictive information and planning in the face of uncertainty, and investigate advanced prediction tools, the visualization of predictive information and its contribution to better planning.

Petra Ahrweiler: “The discussions at this conference will not aim at predicting specific system behaviour or at just reproducing statistical observations. We want to gain insights into the structure and dynamics of complex social systems, where we can identify access points for interventions and change.” The 2015 EA Annual Conference will bring together experts from various fields, providing an overview on options and up-to-date tools. The event will take place at Wissenschaftszentrum Bonn on 16/17 March 2015. Further information on a call for abstracts will be released in due course.

Further information on the EA website soon
Contact:
Petra Ahrweiler
Georg Kamp

EA Colloquium: Experts Discuss with EA Researchers
Join the EA Colloquium in Bad Neuenahr-Ahrweiler: Internationally recognized experts are discussing with EA researchers, covering both the theoretical and the applied areas of technology and innovation assessment. One of the upcoming events is a guest lecture by Loet Leydesdorff (University of Amsterdam, The Netherlands) on 2 December 2014. He will be addressing new developments of the “Triple Helix Concept”.

Please register at margret.engelhard@ea-aw.de.

Contact:
Margret Engelhard

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The first SKIN book “Simulating Knowledge Dynamics in Innovation Networks” was launched during an evening reception of the conference delegates at Petőfi Museum of Literature. Edited by Nigel Gilbert, Petra Ahrweiler and Andreas Pyka and published by Springer Publishers, it contains the contributions of last year’s second SKIN workshop with its focus on joint knowledge creation and exchange of knowledge in innovation cooperations and networks. Invited guest speaker at the book launch was Béla Kardon, head of science policy at the Hungarian Ministry of Human Resources, with extensive experience in EU research politics.

Further information on the 2014 EA Annual Conference [including keynote lectures on the EA YouTube channel, presentations and posters, Twitter feeds and more]

Further information on the first SKIN publication

Further information on Béla Kardon’s lecture

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2014 TA Conference: Responsible Innovation. New Impulses for Technology Assessment?

An international conference on the relation of Responsible Research and Innovation (RRI) and Technology Assessment (TA) took place at Austrian Academy of Sciences in Vienna, 2–4 June 2014. More than 150 experts discussed the role of RRI in the European context, its challenge and relation to the already established conception of TA and limits of both concepts. EA Director Petra Ahrweiler and EA Deputy Director Stephan Lingner contributed both as speakers and chairs to various panels such as RRI in the European context, RRI in governance processes, discourses of future technology worlds and perspectives of RRI for science and politics. The conference was organised by the Austrian Institute of Technology Assessment (ITA). Among others, the EA European Academy co-funded the event.

Further information on the 2014 TA Conference
SELECTED PRESENTATIONS

PETRA AHRWEILER

3 June 2014
• “An empirical impact assessment framework for RRI key dimensions”, conference “Responsible Innovation. New Impulses for Technology Assessment?”, Austrian Academy of Sciences, Vienna, Austria

22 May 2014
• “Introduction to SKIN 3”, 2014 EA Annual Conference SKIN 3, Budapest, Hungary

20 March 2014
• “Responsible Research and Innovation – a European concept?”, ProGReSS project, Valparaiso, Chile

18 March 2014
• “Responsible Research and Innovation – a European concept?”, ProGReSS project, Mexico City, Mexico

21 February 2014
• “Simulation experiments on innovation in networks”, workshop “Experimental Society”, Karlsruhe Institute of Technology/KIT, Karlsruhe

27 January 2014
• “Simulating knowledge dynamics in innovation networks”, eGovPoliNet project meeting, Uxbridge, UK

15 January 2014
• “Methodological issues around the governance of responsible innovation”, GREAT project meeting, Oxford, UK

BERT DROSTE-FRANKE

22 May 2014
• “Analysis of knowledge and innovation dynamics to develop support strategies for future viable energy systems”, 2014 EA Annual Conference SKIN 3, Budapest, Hungary (Poster)

1 April 2014
• Moderation of workshop of managing board of ZIRP (Rhineland-Palatinate Initiative for the Future), Mainz

26 February 2014
MARGRET ENGELHARD

6 June 2014
• “Diversifying the evaluation of synthetic biology”, SYNENERGENE workshop “Worldviews and Values in Synthetic Biology”, Université Paris 1 Panthéon – Sorbonne, Paris, France

23 May 2014
• “Can synthetic biology act as a good model for innovation policy?”, 2014 EA Annual Conference SKIN 3, Budapest, Hungary

14 May 2014
• “Funder requirement matrix in the context of Responsible Research and Innovation (RRI)”, ProGReSS project meeting, Chinese Academy of Social Sciences, Beijing, China

STEPHAN LINGNER

3 June 2014
• "Verantwortlichkeit in Forschung und Innovation: Das EU-Projekt ProGReSS", conference "Responsible Innovation. New Impulses for Technology Assessment?", Austrian Academy of Sciences, Vienna, Austria

22 May 2014
• "Visualisation of complex social dynamics. An introduction from the academy’s perspective", 2014 EA Annual Conference SKIN 3, Budapest, Hungary

13 May 2014
• "Innovation for ageing societies? The German context”, ProGReSS project meeting, Chinese Academy of Social Sciences, Beijing, China

20 February 2014
• “Climate engineering as a social experiment”, Workshop “Experimental Society”, Karlsruhe Institute of Technology/KIT, Karlsruhe

ANDRE SCHAFFRIN

6 June 2014
• “Local energy transitions and local governance”, 2nd Energy and Society Conference “Energy Transitions as Societal Transitions: Challenges for the Present and the Future”, Jagiellonian University, Krakow, Poland

BENJAMIN SCHREMPF

23 May 2014
• “Modelling general purpose technologies with SKIN”, 2014 EA Annual Conference SKIN 3, Budapest, Hungary

FELIX THIELE

23 May 2014
• “Innovation in cancer research”, 2014 EA Annual Conference SKIN 3, Budapest, Hungary
SELECTED PUBLICATIONS

PETRA AHRWEILER


BERT DROSTE-FRANKE and GEORG KAMP


STEPHAN LINGNER


ANDRE SCHAFFRIN


BENJAMIN SCHREMPF and PETRA AHRWEILER


FELIX THIELE


ABOUT THE EA

Science, technology and innovation change our societies rapidly. They open new courses of action and create opportunities but also introduce unknown risks and consequences. As an interdisciplinary research institute the EA European Academy of Technology and Innovation Assessment GmbH analyses and reflects these developments. Furthermore, different future scenarios can be developed, and competing strategies experimentally tested in our EA Lab before they are implemented to provide guidance and policy advice to decisionmakers. The EA European Academy was established as a non-profit corporation in 1996 by the Federal German state of Rhineland-Palatinate and the German Aerospace Center (DLR). Further information: www.ea-aw.org.