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20.09.2017 News
e, energy Considerable Interest in the French-German Fellowship Program (only available in German)
13.1 Great Program avail:



DE

03.05.2018 | FEDERAL MINISTRY OF EDUCATION AND RESEARCH (BMBF)

Research initiative on Paris Agreement has been launched

(only available in German)

Scientists start projects on climate, energy and earth systems research / Karliczek: "Politics needs solid facts for good decisions"

Germany is strengthening research on climate change in a joint initiative with France. An expert jury of the German Academic Exchange Service (DAAD) has now selected 13 renowned international researchers as project leaders in Germany. They are part of the Franco-German program " Make Our Planet Great Again, " which both governments have agreed to after the Paris Climate Agreement.

Federal Research Minister Anja Karliczek sees the promotion of cutting-edge research as a central element of the Paris Climate Agreement: "Politics needs the solid facts of science to make good decisions that limit climate change and control its negative consequences Basis for Action Germany and France agree that we want to offer the best research opportunities for internationally renowned scientists. "

French Research Minister Frédérique Vidal said: "In view of the urgent need for action in the fight against climate change, the engagement of high-level international scientists alongside French and German top-flight laboratories will make it easier to

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Franco-German Fellowship Program on Climate, Energy and Earth Research under the French initiative "Make our Planet great again"

MORE ABOUT THE TOPIC



Climate

meet the challenges more effectively and undoubtedly develop traction in the world. "

Of the 13 scientists selected for Germany, seven are from the USA, two were recently active in Great Britain and one each in Switzerland, Canada, South Korea and Australia. They were selected from around 300 applications in the areas of Climate Change and Earth System Research and Energy Transition .

"The numerous excellent applications show that Germany offers excellent conditions for international researchers," says DAAD President Prof. Margret Wintermantel. "The selected projects will make a significant contribution to climate, energy and Earth system research and, in addition, establish internationally sustainable research collaborations."

Die Teilnehmer bauen in den kommenden Monaten an der jeweiligen Universität oder außeruniversitären Forschungseinrichtung ihre eigene Forschungsgruppe auf. Darüber hinaus sind mit den in Frankreich ausgewählten Forscherinnen und Forschern regelmäßige Treffen und Konferenzen geplant. Dadurch wird gleichzeitig die deutsch-französische Forschungskooperation ausgebaut. Das Programm ist auf insgesamt fünf Jahre angelegt und wird vom Bundesministerium für Bildung und Forschung mit 15 Millionen Euro finanziert.

Das Auswahlergebnis im Detail:

Bereich "Climate Change"

- Jed Kaplan - "Feedbacks between land cover, people, and climate in the seasonally arid tropics (MONSOON)", Universität Augsburg
- Matthias Tesche - "Particles in Aerosol Cloud Interactions: Stratification, CCN/INP concentrations, and Cloud Lifecycle (PACIFIC)", Universität Leipzig
- Anna Possner - "Organisation and Cloud-Radiative Properties of Low-Level Mixed-Phase Clouds", Universität Frankfurt a.M.
- Clemens Scheer - "Climate change, reactive nitrogen, denitrification and N₂O: Identifying sustainable solutions for the globe", Karlsruher Institut für Technologie (KIT)

Bereich "Energy Transition"

- Andreas Goldthau - "Investigating the systemic impacts of the global energy transition (ISIGET)", Potsdam Institute for Advanced Sustainability Studies (IASS)
- Heechae Choi - "Amorphous-crystal junctioned semiconductor: a new class of photocatalytic material with high activity and cost-effectiveness", Universität Köln

- Michael Zürch - "Quantifying ultrafast non-equilibrium dynamics in semiconductor quantum nanomaterials (QUESTforENERGY)", Universität Jena
- Eric Hill - "Nanocomposites and Materials for Energy Solutions", Technische Universität Hamburg-Harburg
- Yutsung Tsai - "Lateral multi-junctions of 2-D transition metal dichalcogenides as optoelectronic platform for transparent photovoltaics", Helmholtz-Zentrum Berlin für Materialien und Energie

Bereich "Earth System Research"

- Gayane Asatryan - "Polar Oceans, Plankton and Oceanic Carbon Sequestration in a warm high pCO² world", Museum für Naturkunde - Leibniz-Institut für Evolutions- und Biodiversitätsforschung, Berlin
- Christina Richards - "Genomics and Epigenomics of Plant Invasion", Universität Tübingen
- Henry C. Wu - "Ocean Acidification Crisis and global warming observations from tropical corals (OASIS)", Leibniz-Zentrum für Marine Tropenforschung (ZMT), Bremen
- Helmut Thomas - "The Ocean's Alkalinity: Connecting geological and metabolic processes and time-scales", Helmholtz-Zentrum Geesthacht - Zentrum für Material- und Küstenforschung (HZG), Geesthacht

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