

Laufende und abgeschlossene Projekte innerhalb des Horizon 2020 Forschungsprogramms der EU mit ETH-Beteiligung

Dept. Fak.	Institut	Name Vorname	Koordi- <input type="checkbox"/>	Akronym	Projekttitel	Programm	Beginn	Ende
BAUG	Institut für Bauplanung und Baubetrieb	Adey, Bryan	<input type="checkbox"/>	DESTinationRAIL	Decision Support Tool for Rail Infrastructure Managers	Smart, green and integrated transport	01.05.15	30.04.18
BAUG	Inst. für Raum- und Landschaftsentwicklung	Grêt-Regamey, Adrienne	<input type="checkbox"/>	ESMERALDA	Enhancing ecoSysteM sERvices mApping for poLicy and Decision mAKing	Climate action, environment, resource efficiency and raw materials	01.02.15	31.07.18
BAUG	Inst. für Raum- und Landschaftsentwicklung	Grêt-Regamey, Adrienne	<input type="checkbox"/>	ECOPOTENTIAL	ECOPOTENTIAL: IMPROVING FUTURE ECOSYSTEM BENEFITS THROUGH EARTH OBSERVATIONS	Climate action, environment, resource efficiency and raw materials	01.06.15	31.05.19
BIOL	Inst. f. Molekulare Systembiologie	Aebersold, Rudolf	<input type="checkbox"/>	TBVAC2020	Advancing novel and promising TB vaccine candidates from discovery to preclinical and early clinical development	Health, demographic change and wellbeing	01.01.15	31.12.18
BSSE	Professur für Computational Biology	Beerenwinkel, Niko	<input type="checkbox"/>	SOUND	Statistical multi-Omics UNDERstanding of Patient Samples	Health, demographic change and wellbeing	01.09.15	31.08.18
BSSE	Machine Learning & Computational Biology Lab	Borgwardt, Karsten M.	<input type="checkbox"/>	CDS-QUAMRI	A Clinical Decision Support system based on Quantitative multimodal brain MRI for personalized treatment in neurological and psychiatric disorders	Health, demographic change and wellbeing	01.09.15	31.08.20
BSSE	Inst. f. Chemie- u. Bioing.wiss.	Fussenegger, Martin	<input type="checkbox"/>	EpiPredict	Epigenic regulation of endocrine therapy resistance in breast cancer. A system medicine approach to predict treatment outcome.	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
BSSE	Bioverfahrenstechnik	Panke, Sven	<input type="checkbox"/>	ROBOX	Expanding the industrial use of Robust Oxidative Biocatalysts for the conversion and production of alcohols	ii. Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	01.04.15	31.03.19
BSSE	Bioverfahrenstechnik	Panke, Sven	<input type="checkbox"/>	EmPowerPutida	Exploiting native endowments by re-factoring, re-programming and implementing novel control loops in Pseudomonas putida for bespoke	ii. Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	01.05.15	30.04.19

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CHAB	Lab. für Anorganische Chemie	Kovalenko, Maksym	<input type="checkbox"/>	Phonsi	Nanophotonics by Nanocrystals, from integration to single photon operation	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
CHAB	Institut Pharmazeutische Wissenschaften	Leroux, Jean-Christophe	<input type="checkbox"/>	NABBA	Design and development of advanced NANomedicines to overcome Biological BARriers and to treat severe diseases	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
CHAB	Laboratorium f. Physikalische Chemie	Merkt, Frédéric Wallraff, Andreas	<input type="checkbox"/>	RYSQ	Rydberg Quantum Simulators	Future and Emerging Technologies	01.03.15	28.02.18
ERDW	Institut f. Geophysik	Maurer, Hansruedi	<input type="checkbox"/>	Modern2020	Development and Demonstration of monitoring strategies and technologies for geological disposal NFRP-06-2014	Euratom	01.06.15	31.05.19
ERDW	Institut für Geophysik	Robertsson, Johan	<input type="checkbox"/>	WAVES	Waves and Wave-Based Imaging in Virtual and Experimental Environments	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
ERDW	Geophysik	Tackley, Paul J.	<input type="checkbox"/>	CREEP	Complex Rheologies in Earth dynamics and industrial Processes	Marie Skłodowska-Curie Actions	01.04.15	31.03.19
ERDW	Schweiz. Erdbebendienst (SED)	Wiemer, Stefan	<input type="checkbox"/>	ENVRI PLUS	Environmental Research Infrastructures Providing Shared Solutions for Science and Society	European research infrastructures (including e-Infrastructures)	01.05.15	30.04.19
ERDW	Geologisches Institut	Willett, Sean	<input type="checkbox"/>	SUBITOP	Understanding subduction zone topography through modelling of coupled shallow and deep processes	Marie Skłodowska-Curie Actions	01.03.16	29.02.20
GESS	Global Governance	Bailer, Stefanie	<input type="checkbox"/>	EMU_SCEUS	The Choice for Europe since Maastricht. Member States' Preferences for Economic and Financial Integration	Europe in a changing world - inclusive, innovative and reflective Societies	01.07.15	30.06.19
GESS	Professur f. Soziologie	Helbing, Dirk	<input type="checkbox"/>	CIMPLEX	Bringing Citizens, Models and Data together in Participatory, Interactive Social EXploratories	Future and Emerging Technologies	01.01.15	31.12.17

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HEST	Professur für Energiestoffwechsel	Ristow, Michael	<input type="checkbox"/>	Ageing with elegans	Validating C. elegans healthspan model for better understanding factors causing health and disease, to develop evidence based prevention, diagnostic, therapeutic and	Health, demographic change and wellbeing	01.05.15	30.04.20
HEST	Institut für Lebensmittelwissenschaft n, Ernährung und Gesundheit	Sturla, Shana J. von Götz, Natalie	<input type="checkbox"/>	EuroMix	„EuroMix“	Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy	15.05.15	14.05.19
HEST	Inst.f. Lebensm.wiss., Ern., Ges.	Zimmermann, Michael Bruce	<input type="checkbox"/>	EUthyroid	Towards the elimination of iodine deficiency and preventable thyroid-related diseases in Europe	Health, demographic change and wellbeing	01.06.15	31.05.18
INFK	Institut f. Informationssicherheit	Capkun, Srdjan	<input type="checkbox"/>	TREDisEC	Trust-aware, REliable and Distributed Information SEcurity in the Cloud	i. Information and Communication Technologies	01.04.15	31.03.18
INFK	Institut für Visual Computing	Gross, Markus Solenthaler, Barbara	<input type="checkbox"/>	DISTRO	Distributed 3D Object Design	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
INFK	Institut für Computersysteme	Hoefler, Torsten	<input type="checkbox"/>	Mont-Blanc 3	Mont-Blanc 3, European scalable and power efficient HPC platform based on low-power embedded technology	Future and Emerging Technologies	01.10.15	30.09.18
INFK	Institut für Visual Computing	Pollefeys, Marc	<input type="checkbox"/>	Built2Spec	Built to Specifications: Self-Inspection, 3D Modelling, Management and Quality-Check Tools for the 21st Century Construction Worksite	ii. Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	01.01.15	31.12.18
ITET	Institut für integrierte Systeme	Benini, Luca	<input type="checkbox"/>	ANTAREX		Future and Emerging Technologies	01.09.15	31.08.18
ITET	Leistungselektronik/Kolar	Kolar, Johann Walter	<input type="checkbox"/>	I2MPECT	Integrated, Intelligent Modular Power Electronic Converter	Smart, green and integrated transport	01.05.15	30.04.18

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ITET	Inst.f.Techn.Informatik u.Kommunik.Netze	Thiele, Lothar	<input type="checkbox"/>	SAFURE	SAFety and secURity by design for interconnected mixed-critical cyber-physical systems	i. Information and Communication Technologies	01.02.15	31.01.18
ITET	Institut für Bildverarbeitung	van Gool, Luc Székely, Gabor	<input type="checkbox"/>	EurEyeCase	Use Case for European Robotics in Ophthalmologic Micro-Surgery	i. Information and Communication Technologies	01.01.15	31.12.17
MATL	Professur Multifunktionsmaterial	Koziej, Dorota Niederberger, Markus Josef	<input type="checkbox"/>	Photo4Future	„Accelerating photoredox catalysis in continuous-flow systems“	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
MATL	Oberflächentechnik	Spencer , Nicholas	<input type="checkbox"/>	POLYBIOLUB	Polymer Analogs to Biolubrication Systems: Novel materials for exploring cartilage tribology and exploiting its mechanisms	European Research Council - ERC	01.08.15	31.07.20
MAVT	Institut für Energietechnik	Boulouchos, Konstantinos Onder, Christopher	<input type="checkbox"/>	GasOn	Gas-Only internal combustion engines	Smart, green and integrated transport	01.05.15	31.10.18
MAVT	Institut f. Verfahrenstechnik	Mazzotti, Marco Sutter, Daniel	<input type="checkbox"/>	CEMCAP	CO2 capture from cement production	Secure, clean and efficient energy	01.05.15	31.10.18
MAVT	Institut für Robotik und Intelligente Systeme	Nelson, Bradley	<input type="checkbox"/>	RodBot	Automated Microhandling System for X-ray Crystallography	European Research Council - ERC	01.09.15	28.02.17
MAVT	Inst. Dynam. Syst. & Regelungstechnik	Onder, Christopher	<input type="checkbox"/>	Hercules-2	FUEL FLEXIBLE, NEAR -ZERO EMISSIONS, ADAPTIVE PERFORMANCE MARINE ENGINE	Smart, green and integrated transport	01.05.15	30.04.18
MAVT	Inst. f. Robotik u. Intell. Syst.	Pané i Vidal, Salvador	<input type="checkbox"/>	SELECTA	“Smart ELECTrodeposited Alloys for environmentally sustainable applications: from advanced protective coatings to micro/nano-robotic platforms”	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
MAVT	Energietechnik	Poulikakos, Dimos	<input type="checkbox"/>	INTICE	Pathways to Intrinsically Icephobic Surfaces	European Research Council - ERC	11.11.15	10.11.20

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MAVT	Institut für Robotik und Intelligente Systeme	Siegwart, Roland Yves Walter, Achim	<input checked="" type="checkbox"/>	Flourish	Aerial Data Collection and Analysis, and Automated Ground Intervention for Precision Farming	i. Information and Communication Technologies	01.03.15	31.08.18
MAVT	Institut für Robotik und Intelligente Systeme	Siegwart, Roland Yves Chli, Margarita	<input type="checkbox"/>	AEROWORKS	Collaborative Aerial Robotic Workers	i. Information and Communication Technologies	01.01.15	31.12.17
MAVT	Institut für Energietechnik	Steinfeld, Aldo	<input type="checkbox"/>	RICAS2020	Design Study for the European Underground Research Infra-structure related to Advanced Adiabatic Compressed Air Energy Storage	European research infrastructures (including e-Infrastructures)	01.06.15	31.05.18
MAVT	Institut für Energietechnik	Steinfeld, Aldo	<input type="checkbox"/>	RESLAG	Turning waste from steel industry into a valuable low cost feedstock for energy intensive industry Compressed Air Energy Storage	Climate action, environment, resource efficiency and raw materials	01.09.15	28.02.19
MTEC	Professur für Unternehmerische Risiken	Sornette, Didier	<input type="checkbox"/>	CRITICS		Marie Skłodowska-Curie Actions	01.04.15	31.03.19
PHYS	Quantenelektronik	Esslinger, Tilman	<input type="checkbox"/>	QUIC	Quantum simulations of insulators and conductors	Future and Emerging Technologies	01.03.15	28.02.19
PHYS	Institut f. Teilchenphysik (IPP)	Rubbia, André	<input type="checkbox"/>	AIDA-2020	Advanced European Infrastructures for Detectors at Accelerators	European research infrastructures (including e-Infrastructures)	01.05.15	30.04.19
PHYS	Institut für Theoretische Physik	Schulthess, Thomas	<input type="checkbox"/>	PRACE-4IP	PRACE 4th Implementation Phase Project	European research infrastructures (including e-Infrastructures)	01.02.15	30.04.17
PHYS	Institut für Automatik	Smith, Roy Morari, Manfred	<input type="checkbox"/>	AWESCO	Airborne Wind Energy System Modelling, Control and Optimisation	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
PHYS	Laboratorium für Festkörperphysik	Wallraff, Andreas	<input type="checkbox"/>	SQuSIM	Superconducting Devices and Systems for Quantum Simulation	Future and Emerging Technologies	01.04.14	31.03.17

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USYS	Inst. f. Terrestrische Oekosysteme	Bugmann, Harald Zeyer, Josef	<input type="checkbox"/>	Inspiration	Strategic Research Agenda, Soil-Sediment System, Land take, Science-Policy-Interface, Societal challenges	Secure, clean and efficient energy	01.03.15	28.02.18
USYS	Inst.f.Biogeochemie u.Schadstoffdynamik	Gruber, Nicolas	<input type="checkbox"/>	C-Cascades	Carbon Cascades from Land to Ocean in the Anthropocene	Marie Skłodowska-Curie Actions	01.01.15	31.12.18
USYS	Professur f. Mensch-Umwelt-Systeme	PATT, Anthony	<input type="checkbox"/>	TRANSrisk	Transition pathways and risk analysis for climate change mitigation and adaptation strategies	Climate action, environment, resource efficiency and raw materials	01.09.15	31.08.18
USYS	Institut f. Atmosphäre und Klima	Seneviratne, Sonia Knutti, Reto	<input type="checkbox"/>	CRESCENDO	Coordinated Research in Earth Systems and Climate: Experiments, kKnowledge, Dissemination and Outreach	Climate action, environment, resource efficiency and raw materials	01.11.15	31.10.20
USYS	Institut für Agrarwissenschaften	Six, Johan	<input type="checkbox"/>	LANDMARK	LAND Management: Assessment, Research, Knowledge base	Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy	01.05.15	31.10.19
ZO	EU GrantsAccess	Karakostas, Sofia	<input type="checkbox"/>	EURAXESS TOP III	Making European research careers more attractive by developing new services and enhancing the current services of the EURAXESS network - EURAXESS TOPIII	Science with and for Society	01.09.15	31.08.18