

Brazilian-Swiss Joint Research Programme (BSJRP): Funded Projects 2019

Swiss main applicant	Institution of the Swiss main applicant	Brazilian main applicant	Institution of the Brazilian main applicant	Project title	Duration
Andreas Bruder	University of Applied Sciences and Arts of Southern Switzerland	Marcelo da Silva Moretti	Universidade Vila Velha	Consequences of degradation of riparian vegetation for detrital food webs in streams and the role of biodiversity - a temperate-neotropical comparison	36
Anna Leander	Graduate Institute Geneva	Florian Fabian Hoffmann	Pontifícia Universidade Católica do Rio de Janeiro	Infrastructuring Democracy: The Regulatory Politics of Digital Code, Content and Circulation	36
Carlos Melian	Swiss Federal Institute of Aquatic Science of Technology	Aloysio da Silva Ferrão Filho	Fundação Oswaldo Cruz	Feedbacks between coevolving predator-prey interactions and the functioning of aquatic ecosystems	24
Hans-Peter Beck	University of Bern	Augusto Santiago Cerqueira	Universidade Federal de Juiz de Fora	Machine Learning for Upgrades in Large Data Volumes and High-Event Rate: Handling Pile-up Noise and Data Fusion in Experimental High-Energy Physics	36
Ilja van Meerveld	University of Zurich	Rubens Manoel dos Santos	Universidade Federal de Lavras	Water level regimes and tropical forest functioning in floodplains and headwater springs (WatForFun)	36
Jakob Zscheischler	University of Bern	Paulo Monteiro Brando	Instituto de Pesquisa Ambiental da Amazônia	Risk assessment of critical ecological thresholds in Amazonia and Cerrado	24

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Jasquelin Pena	University of Lausanne	Humberto Marotta Ribeiro	Universidade Federal Fluminense	Biogeochemical cycling of redox-sensitive elements in Amazonian floodplains: unraveling the link between the chemical quality of groundwater resources and the carbon cycle	24
Matthias Grossglauser	Federal Institute of Technology Lausanne	Daniel Ratton Figueiredo	Universidade Federal do Rio de Janeiro	Efficient Low-Dimensional Representations for Local Graph Structure with Applications in Multi-Network Alignment	36
Mike Schäfer	University of Zurich	Afonso de Albuquerque	Universidade Federal Fluminense	Science-related conspiracy theories online: Mapping their characteristics, prevalence and distribution internationally and developing contextualized counter-strategies.	36
Roland Hany	Swiss Federal Laboratories for Material Science and Technology	Marco Cremona	Pontifícia Universidade Católica do Rio de Janeiro	Narrowband organic upconverters with a gain	36
Stefan Salentinig	Swiss Federal Laboratories for Material Science and Technology	Thereza Amélia Soares Silva	Universidade Federal de Pernambuco	Brushing Bacteria: Polymer Brush Coatings for Bacteria Free Drinking Water	36
Tobias Donner	Swiss Federal Institute of Technology in Zurich	Philippe Wilhelm Courteille	Universidade de São Paulo	Cavity-assisted pattern recognition	36