

## KSSTP: list of funded projects

Swiss main applicant	Korean main applicant	Title
Gross Thomas	Bernhard Egger	ARM: Advanced High-Performance, Power-Efficient and Application-Specific Resource Management for Big Data Science
Tobler Philippe	Hackjin Kim	How similarity breeds liking in Korean and Swiss brains
Ronnow Henrik M.	Soonchil Lee	Harnessing Molecular Crystals for Quantum Magnets and Elucidating Quantum Critical Physics
Hauri Christoph	O-Pil Kwon	High-Power Ultra-Broadband and Narrowband THz Photonics Based on Molecular Crystals
Smit Berend	Jihan Kim	In-silico discovery of nano-porous materials
Zaffalon Marco	U Kang	Statistical learning and inference on big data with probabilistic graphical models
Stoop Rudolf	Yoonkey Nam	CHIP: Cross-scale High-res Investigation of Power-laws in neural networks
Hegi Monika	Leeyoung Park	Personalized Medicine for Glioblastoma by Constructing Ancestral Graphs from Single-cell Data
Pertz Olivier	Noo Li Jeon	Understanding single cell-level MAPK activation dynamics for manipulation of neuronal stem cell self-renewal and differentiation fates
Ametamey Simon M.	Joong-Hyun Chun	Brain Imaging of the Glutamatergic System: First-in-man Evaluation of a Novel <sup>18</sup> F-PET Radioligand Targeting mGlu5 in Caucasian and Asian subjects and the Development of a PET Ligand for Imaging Glutamatergic GluN2A Receptor Subtype
Ruhstaller Beat	Jang-Joo Kim	Limits of Triplet Harvesting in Fluorescent Organic Light-emitting Diodes (TriPLED)
Braun Artur	Bongjin S. Mun	SNF Korean Swiss project: Molecular and physical aspects of dye sensitization of photoelectrodes with copper-based sensitizer molecules