

List of successful PRIMUS projects starting in 2020

HUM

| code | part | principal investigator | project name |
|-------------------|-------|------------------------|--|
| PRIMUS/20/HUM/005 | FF | KUZMIČOVÁ Anežka | Integrating Text & Literacy Research (InT&L) |
| PRIMUS/20/HUM/009 | PedF | ROPOVIK Ivan | Center for meta-research in education |
| PRIMUS/20/HUM/010 | ETF | RÜCKL Jan | Textuality in the Second Temple Judaism: Composition, Function, and Transmission of Texts |
| PRIMUS/20/HUM/018 | FF | SIMIC Ivan | Communist Gender Policies towards Muslim Minorities in Eastern Europe: From Unveiling to Expulsion |
| PRIMUS/20/HUM/019 | CERGE | JANN Ole | Information Revelation and Privacy in the Information Age |

SCI

| code | part | principal investigator | project name |
|-------------------|------|------------------------|--|
| PRIMUS/20/SCI/002 | MFF | KALA Vítězslav | Universal quadratic forms: geometry and analysis |
| PRIMUS/20/SCI/003 | MFF | MAŠÍN Zdeněk | New mechanisms of damage of DNA driven by electrons and ultraviolet light. |
| PRIMUS/20/SCI/004 | PřF | GRAJCIAR Lukáš | Computational Catalysis goes Operando |
| PRIMUS/20/SCI/008 | PřF | MUSILOVÁ Zuzana | Effect of genome duplications and hybridization on sensory systems in fishes |
| PRIMUS/20/SCI/009 | MFF | SETVIN Martin | Surface science of (incipient) ferroelectric perovskites |
| PRIMUS/20/SCI/012 | PřF | HLOUCHOVÁ Klára | In vivo response to unevolved protein sequences: systematic mapping of fitness landscape |
| PRIMUS/20/SCI/013 | FaF | NOVÁKOVÁ Veronika | Study of phthalocyanines for photodynamic therapy of cancer and bioimaging |
| PRIMUS/20/SCI/015 | MFF | ALLOLIO Christoph | Lipid Membrane Remodeling with Biomedical Applications - Multiscale Simulations and Theory |
| PRIMUS/20/SCI/017 | PřF | RÝČEK Lukáš | Development of novel catalysts for oxidation of aliphatic C-H bonds and application in synthesis of valuable molecules |
| PRIMUS/20/SCI/018 | MFF | ZÁZVORKA Jakub | Thin film multilayers with antiferromagnetic coupling for the use in spintronics |
| PRIMUS/20/SCI/019 | PřF | WEINKAUF Manuel | Evaluating the Impact of the Evolvability of the Marine Plankton on the Ocean Carbon Cycle and Climate Change |

MED

| code | part | principal investigator | project name |
|-------------------|-------|------------------------|---|
| PRIMUS/20/MED/003 | 1. LF | DRÁBER Peter | The role of proteins TANK and NAP1 in preventing autoimmune disorders |
| PRIMUS/20/MED/006 | MFF | ANTOLÍK Ján | Computational methods in visual neuroscience: from cortical circuits and networks to visual prosthetic implants |
| PRIMUS/20/MED/008 | 1. LF | TŮMOVÁ Pavla | Genome plasticity of the parasitic protist Giardia intestinalis and its role in treatment failure. |
| PRIMUS/20/MED/010 | FaF | ČEČKOVÁ Martina | Pharmacokinetic mechanisms of drug resistance in acute myeloid leukemia, their affecting and regulation |
| PRIMUS/20/MED/013 | 1. LF | HONS Miroslav | Deciphering mechanisms of lymphocyte migration in vivo and in vitro |