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| **Projekty schválené k dofinancování v roce 2018 v rámci EMPIR (4. výzva MŠMT) – kód 8B** |
| **Český metrologický institut, Okružní 31, 638 00 Brno (IČ: 00177016)** |
|   | **ID kód** | **Číslo projektu** | **Akronym projektu** | **Název projektu** | **Hlavní řešitel projektu** |
| 1. | **8B18001** | 17FUN01 | **BeCOMe** | Light-matter interplay for optical metrology beyond the classical spatial resolution limits | Mgr. Miroslav Valtr, Ph.D. |
| 2. | **8B18002** | 17FUN06 | **SIQUST** | Single-photon sources as new quantum standards | Dr. Ing. Marek Šmíd |
| 3. | **8B18003** | 17FUN09 | **UnipHied** | Realisation of unified pH Scale | Mgr. Matilda Roziková, Ph.D. |
| 4. | **8B18004** | 17IND02 | **SmartCom** | Communication and validation of smart data in IoT-networks | doc. Ing. Vít Zelený, CSc. |
| 5. | **8B18005** | 17IND04 | **EMPRESS 2** | Enhancing process efficiency through improved temperature measurement 2 | Dr. Ing. Radek Strnad, Ph.D. |
| 6. | **8B18006** | 17IND05 | **MicroProbes** | Multifunctional ultrafast microprobes for on-the-machine measurements | Mgr. Petr Klapetek, Ph.D. |
| 7. | **8B18007** | 17IND09 | **MetAMCII** | Metrology for airborne molecular contaminants II | Mgr. Martin Vičar |
| 8. | **8B18008** | 17IND10 | **LiBforSecUse** | Quality assessment of electric vehicle Li-ion batteries for second use applications | Ing. Stanislav Mašláň  |
| 9. | **8B17009** | 17IND13 | **Metrowamet** | Metrology for real-world domestic water metering | Ing. Miroslava Benková, Ph.D.  |
| 10. | **8B18010** | 17NRM02 | **MeterEMI** | Electromagnetic interference on static electricity meters | Ing. Pavel Hamouz  |
| 11. | **8B18011** | 17NRM03 | **EUCoM** | Standards for the evaluationof the uncertainty of coordinate measurements in industry | doc. Ing. Vít Zelený CSc.  |
| 12. | **8B17012** | 17RPT02 | **rhoLiq** | Establishing traceability for liquid density measurements | Mgr. Peter Bartoš  |
| 13. | **8B18013** | 17RPT03 | **DIG-AC** | A digital traceability chain for AC voltage and current | Mgr. Martin Šíra, Ph.D. |
| 14. | **8B18014** | 17RPT04 | **VerslCal** | A versatile electrical impedance calibration laboratory based on digital impedance bridges | Ing. Jan Kučera, Ph.D. |