

## 令和6年度 2 期BC課題審査結果まとめ

| 課題番号                 | 研究領域   | 研究方式 | 代表者氏名             | 代表者所属機関・部局                                                                                                                       | 代表者役職               | 研究課題名                                                                                                                     | 受入研究者 |
|----------------------|--------|------|-------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|-------|
| 1 2024B1-012HABARA   | プラズマ科学 | B-1  | Hideaki Habara    | Graduate School of Engineering, Osaka University                                                                                 | Associate Professor | Ni plasma ablation taking into account of radiation transport for collimation of fast electron beam                       | 長友 英夫 |
| 2 2024B2-087SHOJI    | 一般共同研究 | B-2  | Tatsuya Shoji     | Dept. of Sci., Fac. of Sci., Kanagawa Univ.                                                                                      | Associate Professor | Development of a photoimmobilization method for an assembly of polymer nanobeads formed by plasmonic optical tweezers     | 中田 芳樹 |
| 3 2024B2-088NAKAI    | 一般共同研究 | B-2  | Mitsuo Nakai      | 福井工業大学 工学部電気電子情報工学科                                                                                                              | Professor           | Development of separation technology for radio-active substances in soil using laser ablation in liquid                   | 有川 安信 |
| 4 2024B2-089UEMOTO   | 光学材料   | B-2  | Mitsuharu Uemoto  | 神戸大学 大学院工学研究科                                                                                                                    | 助教                  | Theoretical Design of Multilayer Dielectric Mirrors for High-Power Laser Systems                                          | 長友 英夫 |
| 5 2024B2-090KUROSAWA | 光学材料   | B-2  | Shunsuke Kurosawa | New Industry Creation Hatchery Center (NICHe)・Tohoku University Institute for Materials Research (KINKEN, IMR)・Tohoku University | 特任准教授               | Development of Transparent Ceramics for Optical Materials with High-Effective-Atomic Numbers and Their Energy Transfer II | 藤岡 加奈 |