

令和8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	代表者役職	研究課題名	受入研究者
1	2026B1-019NAKATSUJI	プラズマ科学	B-1	Chiharu Nakatsuji	Assistant Professor	Laser pulse optimization for laser fusion by coupling machine learning with radiation-hydrodynamic simulations	長友 英夫
2	2026B1-020TAKAGI	プラズマ科学	B-1	Yuji Takagi	Postdoc	Experimental identification of electron acceleration mechanisms in subrelativistic intensity regime	中辻 千陽
3	2026B2-085TANAKA	一般共同研究	B-2	Nozomi Tanaka	特任講師（常勤）	Measurement of surface work function for negative hydrogen ion production	藤岡 慎介
4	2026B2-086NAKAI	一般共同研究	B-2	Nakai Mitsuo	Professor	Development of a neutron imaging bubble detector	有川 安信
5	2026B2-087MASUDA	光学材料	B-2	Takahiko Masuda	准教授	Development of a 148 nm Continuous-Wave SHG Device for Laser Spectroscopy of the Thorium-229 Nuclear Clock	南部 誠明
6	2026B2-088SETO	一般共同研究	B-2	Keita Seto	准教授	Feasibility Study of Implementing an Angle- and Polarization-Resolved Nonlinear Compton Scattering Model in QED-PIC	岩田 夏弥
7	2026B2-089SETO	一般共同研究	B-2	Keita Seto	准教授	Stochastic Ray Tracing of Laguerre-Gaussian Optical Vortices	長友 英夫
8	2026B2-090MATSUMOTO	プラズマ科学	B-2	Yosuke Matsumoto	准教授	Development of PIC simulation code for large-scale dynamics of high energy density plasmas	千徳 靖彦
9	2026B2-091TOKUMOTO	量子ビーム科学	B-2	Ieyasu Tokumoto	Associate Professor	Improvement and Performance Evaluation of a Drone-Mounted Neutron Sensor for Soil Moisture Monitoring	余語 覚文
10	2026B2-092UEMURA	一般共同研究	B-2	Naoki Uemura	助教	First-principles analysis of covalent and metallic characteristics of high-temperature liquid boron produced by laser heating	柴田 一範
11	2026B2-094LY	レーザー宇宙物理学	B-2	Minh Nhat LY	Postdoctoral Researcher	Particle acceleration at ion-positron-electron collisionless shocks: Implication for Multi-Messenger Signals from Black Holes	佐野 孝好
12	2026B2-096NAKAMURA	量子ビーム科学	B-2	Tomoya Nakamura	准教授	Development on micrometer imaging by multimode fiber imaging	有川 安信
13	2026B2-097KOBAYASHI	一般共同研究	B-2	Riki Kobayashi	講師	Damage-threshold evaluation of urushi lacquer films and Japanese paper under 532 nm laser irradiation	筑本 知子
14	2026B2-098TOMITA	一般共同研究	B-2	Kentaro Tomita	Associate Professor	Research on Predictive Modeling of EUV light-source Tin Plasmas through Comparison of Thomson Scattering measurements and Post-processed Radiation Hydrodynamic Simulations	藤岡 慎介
15	2026B2-099JOHZAKI	プラズマ科学	B-2	Tomoyuki Johzaki	Professor	Ignition and Burn Characteristics of Liquid-Foam-Shell Targets	岩本 晃史
16	2026B2-100HATA	一般共同研究	B-2	Masayasu Hata	主幹研究員	Ionization physics and its control on ultrahigh intense laser ion acceleration	佐野 孝好
17	2026B2-102ISOGAWA	一般共同研究	B-2	Hiroki Isogawa	助教	Analysis of Hydrogen Isotope Adsorption Behavior on Dielectric Multilayer Mirrors for Laser Fusion Reactors	山ノ井 航平
18	2026B2-103OZAKI	超高压物性・惑星物理学	B-2	Norimasa Ozaki	Professor	Nanodiamond generation and recovery from organic polymer materials via SENJU laser irradiation	中辻 千陽