Kyushu University Platform of Inter-/Transdisciplinary Energy Research (Q-PIT)

<Poster Presentation >

Awardees of Q-PIT Doctoral Students Support Program and Overseas Students, Researchers of International Joint Research

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<U R L> https://q-pit-ew.kyushu-u.ac.jp/en/poster

【Awardees】

No. of Poster	Affiliation	Name	Title of Research
Gold-1	Graduate School of Economics	中石 知晃	パラメトリックフロンティア分析法による限界削減費用の推計に基づいた中国石炭火力発電所 316 基の戦略的な CO2 及び SO2 排出量削減政策
Silver-2	Graduate School of Engineering	本石 祐輝	拡張 π 系芳香族カチオンの集積による高アニオン伝導性とアルカリ安定性の両立がもたらすアニオン交換膜型燃料電池の発展
Silver-3	Interdisciplinary Graduate School of Engineering Sciences	西尾 陽	Na イオン電池用 Cr 含有ポリアニオン系正極材料の充放電反応機構解明
Bronze-4	Graduate School of Engineering	Islam Mir Shariful	Carbon-di-oxide utilization for fast algae cultivation
Bronze-5	Graduate School of Engineering	河原 康仁	その場引張 TEM 観察による Al-Mg-Si 系合金の析出強化に及ぼす Cu 添加の影響の解明
Bronze-6	Graduate School of Bioresource and Bioenvironmental Sciences	石田 紘一朗	界面反応により局所的に表面改質されたセルロースナノファイバーの自己組織化
Bronze-7	Graduate School of Integrated Frontier Sciences	SELYANCHYN Olena	Sulfonic acid-crosslinked nanocellulose as a novel polymer electrolyte membrane for hydrogen fuel cells
Encouragement-8	Graduate School of Engineering	池田 京	固体触媒中のヒドリドが窒素還元反応に及ぼす影響の理論化学的な考察
Encouragement-9	Graduate School of Engineering	松川 祐子	新規ニッケル-チオール錯体の簡便な作製法と硫化物前駆体としての利用
Encouragement-10	Interdisciplinary Graduate School of Engineering Sciences	河内 裕一	ヘリコン波プラズマにおけるイオンセンシティブプローブ計測の検討
Encouragement-11	Graduate School of Engineering	辻川 皓太	機械学習による次世代型燃料電池材料の熱膨張率予測プログラムの開発
Encouragement-12	Graduate School of Economics	緒方 鞠	データ包絡分析法を用いた日本のバイオディーゼル製造プラントの生産効率性分析
Encouragement-13	Graduate School of Engineering	Rahman Md Matiar	Synthesis of rice straw derived activated carbon for capturing carbon dioxide
Encouragement-14	Interdisciplinary Graduate School of Engineering Sciences	小林 大輝	プラズマ中における大域構造振動と局所乱流の相互作用の探究
Encouragement-15	Graduate School of Science	相本 雄太郎	分子性触媒による酸素生成反応の素過程抽出に基づく反応機構解析

Encouragement-16	Graduate School of Engineering	Tu Hoan Phuc	Synthesis of flowerlike Ce1-xZrxO2 as catalyst support for hydrogen production from biogas
Encouragement-17	Graduate School of Economics	鬼頭 みなみ	航空機の使用年数と買い替えサイクルの変化が環境と経済に与える影響
Encouragement-18	Interdisciplinary Graduate School of Engineering Sciences	山口 忠則	海洋数値モデルによって明らかになった 2019 年秋季のケンサキイカ不漁と海況との関係
Encouragement-19	Interdisciplinary Graduate School of Engineering Sciences	児島 富彦	レーザー核融合推進の実現に向けた磁気ノズルにおける磁力線からのプラズマ離脱（デタッチメント）に関する数値解析
Encouragement-20	Interdisciplinary Graduate School of Engineering Sciences	RUI XIAOTIAN	Design, Synthesis of Carbazole Dendrimer with Doublet-Excited Luminescent Radical as Core
Encouragement-21	Graduate School of Information Science and Electrical Engineering	Ahmad Hasan Elsayed Mansour Gendia	Energy-Efficient Reinforcement Learning-Based UE Pairing in Non-Orthogonal Multiple Access Wireless Communication Systems
Encouragement-22	Graduate School of Engineering	張 馳	Cross-country evidence on multi-tier electricity accessibility, perceived inequality, and subjective well-being
Encouragement-23	Graduate School of Engineering	Zhang Nan	Mitigation of hydrogen embrittlement by addition of ammonia impurity
Encouragement-24	Graduate School of Engineering	Yasir Arafat Hutapea	Development of High Oxygen Barrier PEM for Durable PEFC Systems
Encouragement-25	Graduate School of Integrated Frontier Sciences	田島 正俊	バッキーボウルを用いた水系 Na イオン電池
Encouragement-26	Interdisciplinary Graduate School of Engineering Sciences	RUPAM TAHMID HASAN	Characterization of Two Fumarate based MOFs for Water based Adsorption Heat Pumps
Encouragement-27	Interdisciplinary Graduate School of Engineering Sciences	MD RAUF UL KARIM KHAN	Simplified Process of In-Ga-Zn-O Thin-film transistor utilizing Selective Etching of Copper Source and Drain

【Overseas Students, Researchers of International Joint Research】

No. of Poster	Affiliation	Name	Title of Research
G-1	Jomo Kenyatta University of Agriculture and Technology	Milton Utwolo Alwanga	Governance Reforms and Rural Electrification in Kenya
G-2	University of Technology Sydney	Joseph Wyndham	Ethics of algorithmic decision making on the smart grid
G-3	Université Catholique de Louvain	Jian Wang	Synthesis of Unsolvated $MxB_{12}H_{12}$ (M=Na, K, Mg) by a Facile Autoclave Route
G-4	The University of Sheffield	Peng Luo	A Novel Dynamic Avalanche Free Super-Junction Trench Clustered IGBT for High Power Applications