

業 績 リ ス ト

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II. 研究業績

以下の通りマークを付しています。

*：データサイエンス・データマイニングの分野に関わる主な業績

†：推薦システムの分野に関わる主な業績

‡：センサシステムの分野に関わる主な業績

(ア) 著書

執筆した教科書

1 *	原田 史子、島川 博光、「データサイエンス入門 線形代数・確率から数理最適化まで」共著、共立出版、2023 年
2	原田 史子、島川 博光、「線形代数学に基づくデータ分析法」共著、共立出版、2016 年
3	原田 史子、「ユーザ入門 -UNIX の基礎-」、共著、島川博光ほか著、『プログラミングのための計算機科学入門 [I] -始めるための基本事項-』、オーム社、2014 年、pp.14-46

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(イ) 学術論文

1	Tomoharu Kobayashi, Hiromitsu Shimakawa, and Fumiko Harada, Evaluating Prospects in Programming with Features in Graphic Function Use, Creative Education, Vol.14, No.10, 2023.
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8 †	Naoya Wakabayashi, Hiromitsu Shimakawa, and Fumiko Harada, How to Detect and Classify Stress Using Wearable Sensors to Recommend Task, International Journal of Electronics and Electrical Engineering, Vol.9 No.4, Dec. 2021.
9 ‡	嘉数 景, 伊藤 義人, 原田 史子, 島川 博光, ロボット把持データの時系列分析による異常兆候の検出, システム制御情報学会論文誌, Vol.65, No.6, pp.145-154, June 2021.
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(エ) 国内会議発表（査読付）

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III. 教育歴

担当科目

1	2007 年 4 月～ 2014 年 9 月	リアルタイムシステム、データモデリング、 計算機科学入門 1、 情報システム学実験（ネットワーク実験、論理回路） プログラミング演習
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研究指導歴

1	2007 年 4 月～ 2014 年 9 月	立命館大学 情報理工学部 任期付き助教・講師として センサネットワーク・推薦システム・データマイニング・ 数理最適化・ユーザインタフェース等の研究を指導
2	2014 年 9 月～ 2022 年 3 月	株式会社コネクトドット 顧問として センサシステム・推薦システム・機械学習・データマイ

		ニング等の研究を共同研究先の立命館大学学生に指導
3	2022 年 4 月～ 現在	立命館大学 総合科学技術研究機構 客員研究教員として センサシステム・機械学習・推薦システム等の研究を指導

IV. いままでに獲得した外部資金

1	日本学術振興会 科学研究費補助金 若手研究(B)「斜面防災用無線センサネットワークにおける運用コスト削減手法の開発」 2010 年 4 月 (課題番号：22700111)
2	日本学術振興会 科学研究費補助金 若手研究(スタートアップ)「センサネットワークシステムにおける QoS アウェアな低電力リソーススケジューリング」 2007 年 4 月 (課題番号：19800053)

V. その他の業績

特許

1	2009 年	中本幸一、潮俊光、原田史子、リアルタイムシステム、Q o S 適応制御装置及びそれらに用いる Q o S 適応制御方法並びにそのプログラム、(特許第 4367167 号) 2009 年 9 月
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学会における活動

1	2007 年	第 52 回システム制御情報学会研究発表講演会 実行委員 (2008 年 5 月まで)
2	2008 年	第 53 回システム制御情報学会研究発表講演会 実行委員 (2009 年 5 月まで)
3	2016 年	第 60 回システム制御情報学会研究発表講演会 実行委員 (2017 年 5 月まで)