

SU BAOZHUO

33 Av. Carnot, 91300 Massy
baozhuo.su@telecom-sudparis.eu

Education

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|-------------------|---|
| 2024.09 - Present | Institut Polytechnique de Paris, France
Master of Applied Mathematics |
| 2023.09 - 2024.06 | Université Paris Saclay, campus Evry, France
Bachelor of Electrical Engineering in Information Processing
Grades :12.95/20, Rank: 3/31 |
| 2021.09 - 2023.06 | Institut Supérieur d'Électronique de Paris, France
Preparatory course of Math-Physique
Grades: 14.36/20, Rank: 5/121 |

Research Interests

Information Processing, Non-Linear Dynamics, Optimization Theory

Paper Work

- Baozhuo Su, Yalan Gu, Kang Liu, Zhengxian Qu, Qingli Dou, and Ting Tan, Enhancing AI-Driven ECG Arrhythmia Detection Accuracy through Optimized Data Fusion. *preprint*, 2025

On-Going Work

- Baozhuo Su, Ke Wu, Large deformation dynamics modeling of Euler beams and its application to continuum robots. (2024.9-Present)

Selected Awards and Competition

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| 2024 | Pazhou International Algorithm Competition
Champion(1/58) of optimization algorithm |
| 2017 | Chinese Chemistry Olympiad(CCO)
National Second Prize |

Research and Teaching Experience

- 2023.11 - Present **Online Lecturer at Lumist Education CO**
Teaching Subject : Signal Processing, Mathematical Analysis
- 2024.09 - Present **Research Assistant at MBZUAI,UAE**
Subject : Large deformation dynamics modeling of Euler beams
Tutor : Wu Ke, associate professor, MBZUAI
- 2024.06 - 2024.09 **Research Assistant at Beijing Langlands Technologies CO,China**
Subject : Optimization of PTBXL dataset based on data fusion.
Tutor : Dr.Tan Ting, president of Beijing Langlands Technologies.
- 2023.05 - 2023.12 **Research Assistant at Aerie Intelligent Technology Corp, USA**
Subject : Optimal Arrhythmia classification Method
Tutor : Prof.Tan Zhiqun,professor of UC Irvine

Skills

- CS : Python, Matlab, C++, Latex,etc.
- Language :Chinese(Native Speaker), French(Working Language),English(Working Language)