Seminar Talk: "Wearable Brain-Machine Interface Architectures" (Speaker: Dr. Rose Faghih)

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Abstract

In today's presentation, Dr. Rose Faghih discusses exciting research and technology to create wearable-machine interface architectures for measuring autonomic stress in the human body. These models utilize the natural responses our body makes to stressors in our daily lives and, through simple sensors, can track and help us understand the stress and our current mindset. Using collected time-series data from wrist-worn wearable devices, we can interpret our internal brain dynamics. In this talk, Dr. Faghih describes how she created complex models and architectures to help us utilize this data that could one day help people in many ways.

I. Introduction

THIS demo file is intended to serve as a "starter file".

II. Background

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III. Research Contributions and Results

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IV. Lessons Learned

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V. Conclusion

The conclusion goes here.

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