Wearable biomedical data possess dynamic and complex characteristics that need to be processed using adaptive and advanced algorithms, and digital tools for data-driven decision support systems (DSS) and computer-aided diagnosis (CAD). The role of machine learning and artificial intelligence (AI) holds great promise and significance in designing proactive digital healthcare DSS and CAD. To ensure trustworthy and fair results, AI techniques need explainability to both domain experts and end users. In this talk, the process of explainable AI will be elaborated with some case study research projects being done at the Signal Analysis Research Lab at Toronto Metropolitan University, Canada.

Unable to join in person? Attend on Zoom http://tiny.cc/011824

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