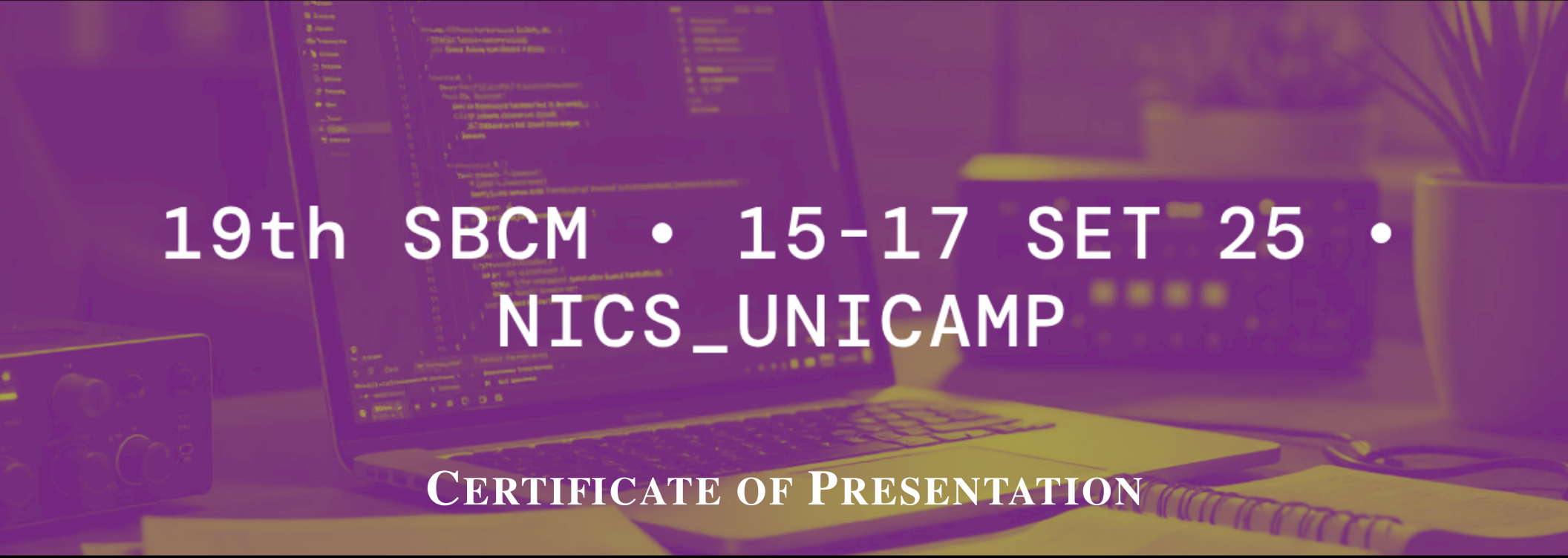




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CERTIFICATE OF PRESENTATION

*This is to certify that **Julio Hsu** has presented the paper
Representation Matters: An Evaluation of MEL, CQT, VQT, and MCQT for Beat Tracking
in the 19th Brazilian Symposium on Computer Music
held at the NICS - University of Campinas, Brazil, on September 15-17 2025.*



Prof. Dr. Manuel Falleiros
SBCM 2025 General Chair