

**CHAMADA PARA SELEÇÃO DE CANDIDATOS ÀS DISCIPLINAS ISOLADAS
2º SEMESTRE DE 2019**

**ANEXO I
Disciplinas**

DISCIPLINA: Captura e análise de movimento humano para pesquisa em arte [Capture and analysis of human movement for art research]

Professor : Luiz Alberto Bavaresco de Naveda

Carga Horária: 15 – Créditos 1

Dia/HORA: 17 a 28 de Setembro 2019 / 10:00-12:40

Ementa:

Introdução aos métodos de captura de movimento envolvendo motion capture (inercial), vídeo e sensores. Análise de dados de movimento humano em relação à objetos, eventos sonoros (música) e vídeo. Principais teorias envolvendo movimento humano e cognição incorporada. Realização de gravações e processamento de dados de movimento com dança, música, gestos envolvidos em atividades como pintura, performance ou trânsito de visitantes. Introdução à computação numérica de dados utilizando software.

Introduction to motion capture methods involving motion capture (inertial), video and sensors. Analysis of human movement data in relation to objects, sound events (music) and video. Main theories involving human movement and embodied cognition. Realization of recordings and processing of movement data with dance, music, gestures involved in activities such as painting, performance or museum visitor traffic. Introduction to numerical computation of data using software.

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