

Joint 8th International Conference on Informatics, Electronics & Vision (ICIEV)
3rd International Conference on Imaging, Vision & Pattern Recognition (IVPR)
Date: May 30 ~ June 2, 2019
Venue: Spokane campus, Eastern Washington University, USA

First Workshop on Information Technologies for Kestenberg Movement Profile Analysis: An Early Stage Developmental Disorder Detection Case

Organizers:

Chair: Yukari Sakiyama, Mukogawa Women's University, Japan

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Co-chair: Haruhiko Takase, Mie University, Japan

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Co-chair: Hiroharu Kawanaka, Mie University, Japan

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About: This workshop is organized to study matters of Kestenberg Movement Profile Analysis (aims, methods, societies, etc.) and its IT support. The relevant specialists, especially related to the dance/movement therapy and the computer & electrical engineering should participate. This should consist of some hands-on tutorial and panel discussion. This workshop is primarily organized as a part of the research project funded by JSPS: "an early stage (baby & toddler) developmental disorder detection using KMP Analysis and its IT support".

Duration: 2 hours

Capacity: 20 participants for hands-on. More can attend to take part.

Tentative schedule: Afternoon (e.g., 3-5p) on May 30 (Th) at SEWC.

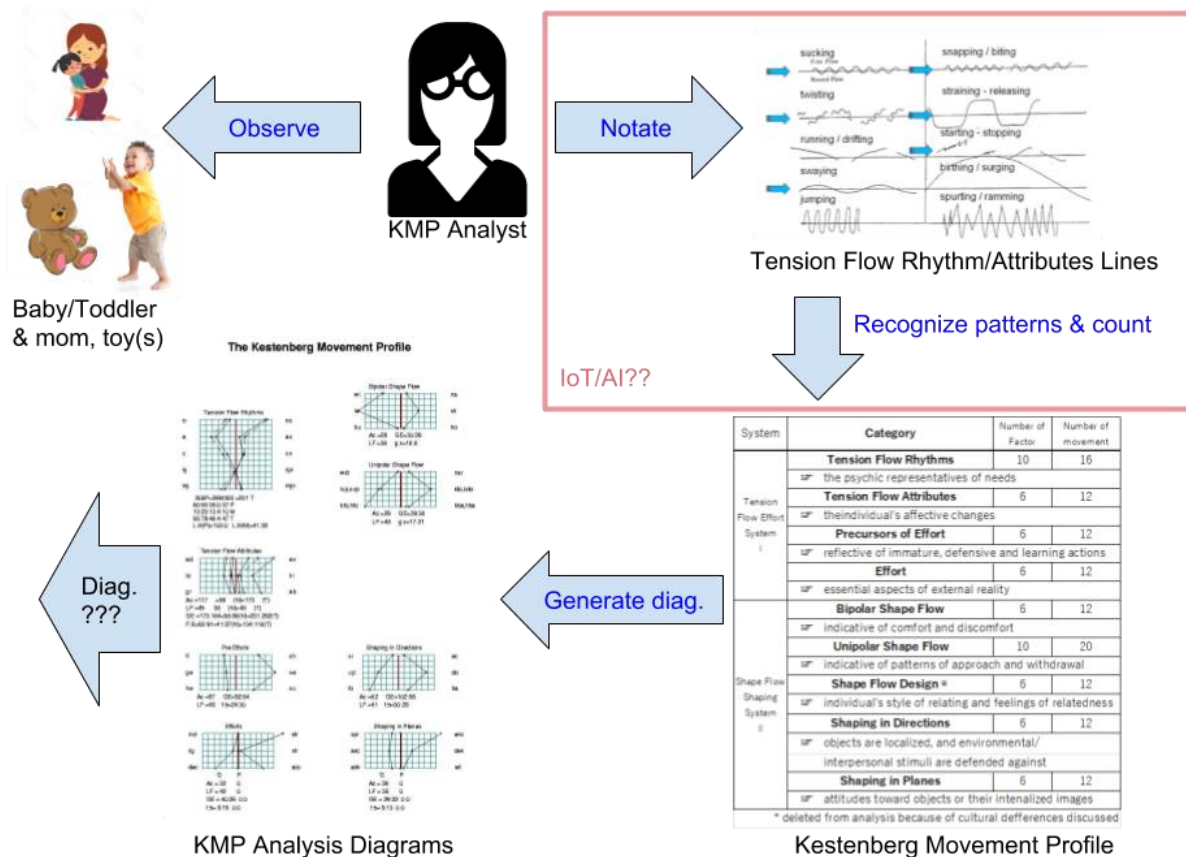
Tentative program:

1. Hands-on tutorial: KMP Analysis -- 50min
Lead: Yukari Sakiyama, Mukogawa Women's University, Japan
2. Intermission -- 10min
3. Panel: IT Support for the KMP Analysis -- 50min
Lead: Haruhiko Takase, Mie University, Japan
4. Closing and certificates to participants -- 10 Min

Reference:

<http://www.kestenbergmovementprofile.org/>

An overview of KMP Analysis



Short Biography:

Yukari Sakiyama is Board Certified of Dance/Movement Therapist by American Dance Therapy Association and Kestenberg Movement Analysis (KMP) Certified Analyst. She earned her Ph.D at Graduate School of Humanities and Science of Nara Women's University in 2005. She is currently a full associate professor at Mukogawa Women's University to teach Physical Education for children focusing early childhood development based on KMP.

Haruhiko Takase is specialized in Neural Networks and Image Processing and Educational Technology. His current interests are in time series signal processing with spiking neural networks and in educational supporting system enhanced by natural language processing technologies. He earned his Ph.D. in Engineering at Nagoya University in 1996. He is currently a professor at Mie University.

Hiroharu Kawanaka is specialized in Image Processing and Medical/Welfare Informatics. He earned his Ph.D. in Engineering and Medical Science at Mie University in 2004 and 2009, respectively. He is currently an associate professor and a special assistant to the president at Mie University. (Web: <http://www.ip.elec.mie-u.ac.jp/>)