



August 31, 2021 ~ September 03, 2021 Online via Zoom 4:30 - 9:30 PM -(JST)

# Invitation to Inter-universal Teichmüller Theory

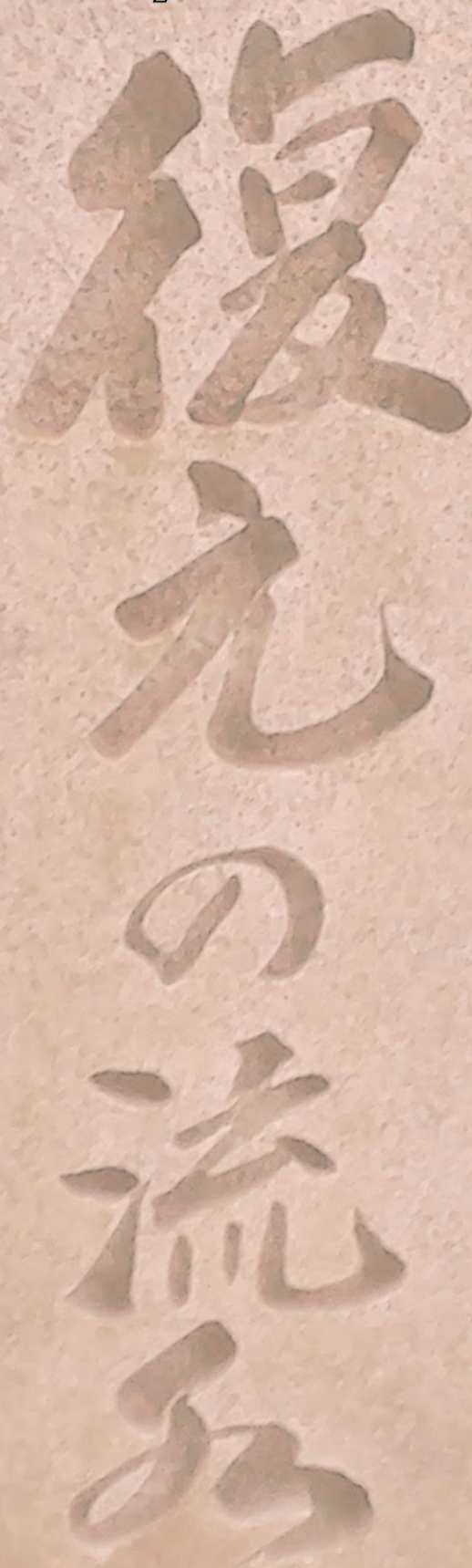
Y. Hoshi - RIMS Kyoto, JP

S. Mochizuki - RIMS Kyoto, JP

I. Fesenko - Nottingham, UK

Y. Taguchi - Tokyo, JP

B. Collas - RIMS Kyoto, JP



## Speakers

Kazumi Higashiyama

Arata Minamide

Shinichi Mochizuki

Wojciech Porowski

Shota Tsujimura

Yu Yang

※ Primarily for beginning learners of inter-universal Teichmüller theory who are, nonetheless, familiar with basic aspects of arithmetic geometry.

$$\begin{array}{ccc} \begin{array}{c} \sim_{\{\pm 1\}} \\ \left( \begin{array}{c} -l^* < \dots < -1 < 0 \\ < 1 < \dots < l^* \end{array} \right) \Rightarrow \left[ \begin{array}{c} 1 < \dots \\ < l^* \end{array} \right] \Leftarrow \left( \begin{array}{c} 1 < \dots \\ < l^* \end{array} \right) \\ \Downarrow \\ \pm \rightarrow \pm \\ \uparrow \sim_{\mathbb{F}_\times^\times} \downarrow \\ \pm \leftarrow \pm \end{array} & & \begin{array}{c} \Downarrow \\ * \rightarrow * \\ \uparrow \sim_{\mathbb{F}_\times^*} \downarrow \\ * \leftarrow * \end{array} \end{array}$$

※ In this workshop, exposition of fundamental ideas and techniques of the theory will rely on the extensive experience and know-how of researchers who have already acquired a thorough understanding of Inter-universal Teichmüller geometry.



One of four workshops in the special RIMS year "Expanding Horizons of Inter-universal Teichmüller Theory".

**Organizing Committee.** S. Mochizuki (RIMS, Kyoto University) • Y. Hoshi (RIMS, Kyoto University) • I. Fesenko (Nottingham University) • Y. Taguchi (Tokyo Institute of Technology) • F. Kato (Tokyo Institute of Technology) • M. Kurihara (Keio University) • A. Shiho (University of Tokyo).

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For further information on all four workshops, consult: [www.kurims.kyoto-u.ac.jp/~mochizuki/project-2021-english.html](http://www.kurims.kyoto-u.ac.jp/~mochizuki/project-2021-english.html)  
To register, please send an email to [anabelian@cheerful.com](mailto:anabelian@cheerful.com)