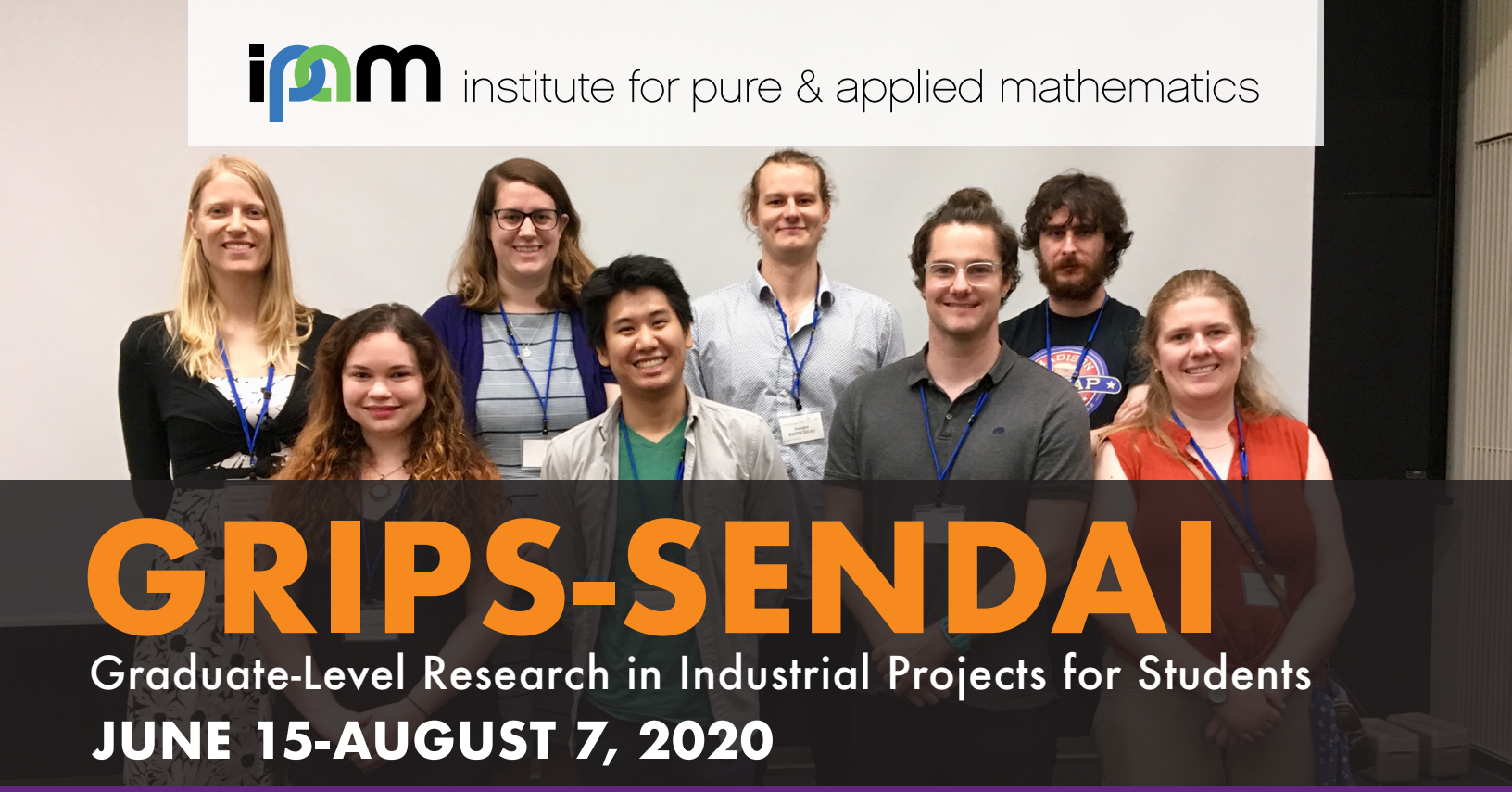
institute for pure & applied mathematics



GRIPS-SENDAI

Graduate-Level Research in Industrial Projects for Students

JUNE 15-AUGUST 7, 2020

Overview

Graduate-Level Research in Industrial Projects for Students (G-RIPS) in Sendai will offer graduate students in mathematics and related disciplines the opportunity to work on industry-sponsored research problems in Sendai, Japan. Students from the U.S. and Japan will work on cross-cultural teams on research problems designed by industrial sponsors. The projects will be of serious interest to the sponsor and will offer a stimulating challenge to students; most will involve both analytic and computational work. At the end of the program, the teams will present the results of their work and prepare a final report. IPAM will encourage the U.S. students to publish and/or present their research at conferences in the year following the program. English is the only language required for participation.

Sponsors

The industrial sponsors for GRIPS Sendai will include major Japanese companies including Toyota and NEC. Details about the sponsors and projects will be announced on the webpage soon.

Benefits

Round-trip travel to Sendai and accommodations in Sendai are included. Students will also receive a meal allowance, a stipend, and travel support to present their research at a conference. (These terms apply to U.S. participants recruited by IPAM.)

Partner

G-RIPS-Sendai will be held at the Advanced Institute for Materials Research (AIMR) at Tohoku University in Sendai, Japan. Sendai is located 300 km north of Tokyo and 1.5 hours by high-speed train. Tohoku University is the third oldest Imperial University and considered one of the most prestigious universities in Japan.

Application

Eligible applicants include graduate students in math or a related discipline, with a preference given to students in their second or third year of a PhD program. IPAM will only accept applications from U.S. citizens and permanent residents; Japanese students are encouraged to contact Tohoku University for information and an application. Applications will open November 1, 2019. The deadline to apply is **February 12, 2020**.

NSF UCLA

For more information, visit the program webpage:

www.ipam.ucla.edu/grips2020s