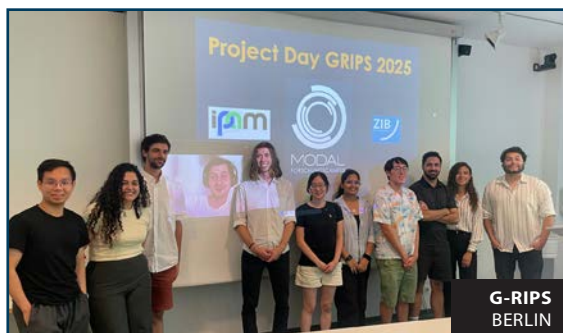


G-RIPS: BERLIN & SENDAI

Graduate-Level Research in Industrial Projects for Students



Overview

Graduate-Level Research in Industrial Projects for Students (G-RIPS) Berlin and Sendai will offer graduate students in mathematics and related disciplines the opportunity to work on industry-sponsored research problems. Students work in cross-cultural teams of 4 on research problems designed by the industrial sponsor. Each team consists of 2 U.S. students and two students recruited by our international partner. 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. English is the only language required for participation.

Industrial Sponsors

Recent Sendai sponsors have included Mitsubishi, Fujitsu, NEC, IHI, and F-MIRAI (Toyota). For Berlin, the recent sponsors include 1000 Shapes (Biotechnology) GmbH, Deutsche Bahn (Public Transport), FICO Optimization, I2DAMO, JCMwave GmbH, Thermo Fisher Scientific, Cray, and LBW. Details about the sponsors and projects for the upcoming summer will be announced on IPAM's webpage.

Partners

G-RIPS Sendai will be held at Tohoku University in Sendai, Japan. Our partners at Tohoku University are the Advanced Institute for Materials Research (AIMR) and the Tohoku Forum for Creativity (TFC). 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.

IPAM's partner in Berlin is the Research Campus MODAL (Mathematical Optimization and Data Analysis Laboratories), which promotes exchange and collaboration between public institutions and private (industrial) partners. The current academic partners of MODAL are the Free University of Berlin (FU Berlin) and the Konrad-Zuse Zentrum für Informationstechnik Berlin (ZIB).



Benefits

Round-trip travel to our partner sites and accommodations are included. Students will also receive a meal allowance and a stipend for their full participation. (These terms apply to U.S. participants recruited by IPAM.)

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 in math or a related discipline. IPAM will only accept applications from U.S. citizens and permanent residents; international students are encouraged to contact our partners directly for information and an application. The application will open mid-November and will close at the end of February.



For more information, visit the program webpage:
www.ipam.ucla.edu/grips