Research on variational problems and partial differential equations with a critical exponent

Period: From September 20th (Monday) to 23rd (Thursday) in 2021

Place: Lecture Room E408, Fuculty of Science, Osaka City University (Sugimoto campus) & Zoom

Program

September 20th

10:00 — 11:30	Hara Takanobu (Hokkaido University) Quasilinear elliptic problems with unbounded measure data I
11:30 — 14:00	(Lunch time)
14:00 — 15:30	Toshio Horiuchi（Ibaraki University） On the Hardy and CKN type inequalities involving non-doubling weights I
15:30 —	(Free time)

September 21st

10:00 — 11:30	Toshio Horiuchi（Ibaraki University） On the Hardy and CKN type inequalities involving non-doubling weights II
11:30 — 14:00	(Lunch time)
14:00 — 15:30	Hara Takanobu (Hokkaido University) Quasilinear elliptic problems with unbounded measure data II
15:30 —	(Free time)

September 22nd

9:00 — 10:00 (20:00 - 21:00 EST)	Robin Neumayer（Carnegie Mellon University） Sobolev-type inequalities in quantitative form I

10:30 — 12:00   Hara Takanobu (Hokkaido University)
                  Quasilinear elliptic problems with unbounded measure data III

12:00 —   (Free time)

September 23rd

9:00 — 10:00   Robin Neumayer（Carnegie Mellon University）
(20:00 - 21:00 EST) Sobolev-type inequalities in quantitative form II

10:30 — 12:00   Toshio Horiuchi（Ibaraki University）
                  On the Hardy and CKN type inequalities involving non-doubling
                  weights III

12:00 —   (Closing)

This workshop is held as a project of Osaka City University Advanced Mathematical Institute: MEXT Joint Usage/Research Center on Mathematics and Theoretical Physics.

Organizers:
Megumi Sano (Hiroshima University)
Futoshi Takahashi (Osaka City University)