

Grant Recipient



Dr. Jason Murphy
Assistant Professor
Mathematics & Statistics

Activities

- ❖ Attended the workshop “Harmonic Analysis and Partial Differential Equations” at the Research Institute for Mathematical Sciences (RIMS), Kyoto University, Kyoto, Japan.
 - Gave a one-hour lecture on recent research, namely, “Invariance of White Noise for KdV on the Line” (joint with R. Killip and M. Visan)
- ❖ Visited Kyushu University, Fukuoka, Japan, for ongoing collaboration with S. Masaki and J. Segata.

Proposal

- ❖ Workshop at RIMS, Kyoto University, followed by collaboration at Kyushu University.
- ❖ CAFE funds helped pay for international airfare.
- ❖ This annual workshop gathers mathematicians specializing in harmonic analysis and PDE. This trip afforded me the chance to present my research as well as to continue working with my collaborators in Japan.

Outcomes

- ❖ Presented my research in the RIMS workshop.
- ❖ Continued working on ongoing projects with my collaborators (S. Masaki and J. Segata).
- ❖ Met new mathematicians with related research interests and made several new connections.