

IQSE Physics Students Hit Three Home Runs at TSAPS—Way to go Sean, Han, and Sasha!!!



Presentation Awards Texas Section Fall 2015 Meeting

Graduate Students

Sean Blakley, Texas A&M University

[J1.00005] *High-Sensitivity and High-Resolution Magnetic Gradiometry and Thermometry with Nitrogen---Vacancy Diamond Tipped Fiber Probes* (Oral)

Sean Blakley, Ilya Fedotov, Evgeniy Serebryannikov, Lyubov Doronina-Amitonova, Hector Perez, Joe Becker, Nikolai Safronov, Sergei Kilin, Vladimir Velichansky, Philip Hemmer, Marlan Scully, Aleksei Zheltikov

Han Cai, Texas A&M University

[F2.00003] *Topological phase transitions in superradiance lattices* (Oral)

Han Cai

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Alexandra Zhdanova, Texas A&M University

[C3.00003] *Topological charge algebra of optical vortices in nonlinear interactions* (Oral)

Alexandra Zhdanova, Mariia Shutova, Aysan Bahari, Miaochan Zhi, Alexei Sokolov