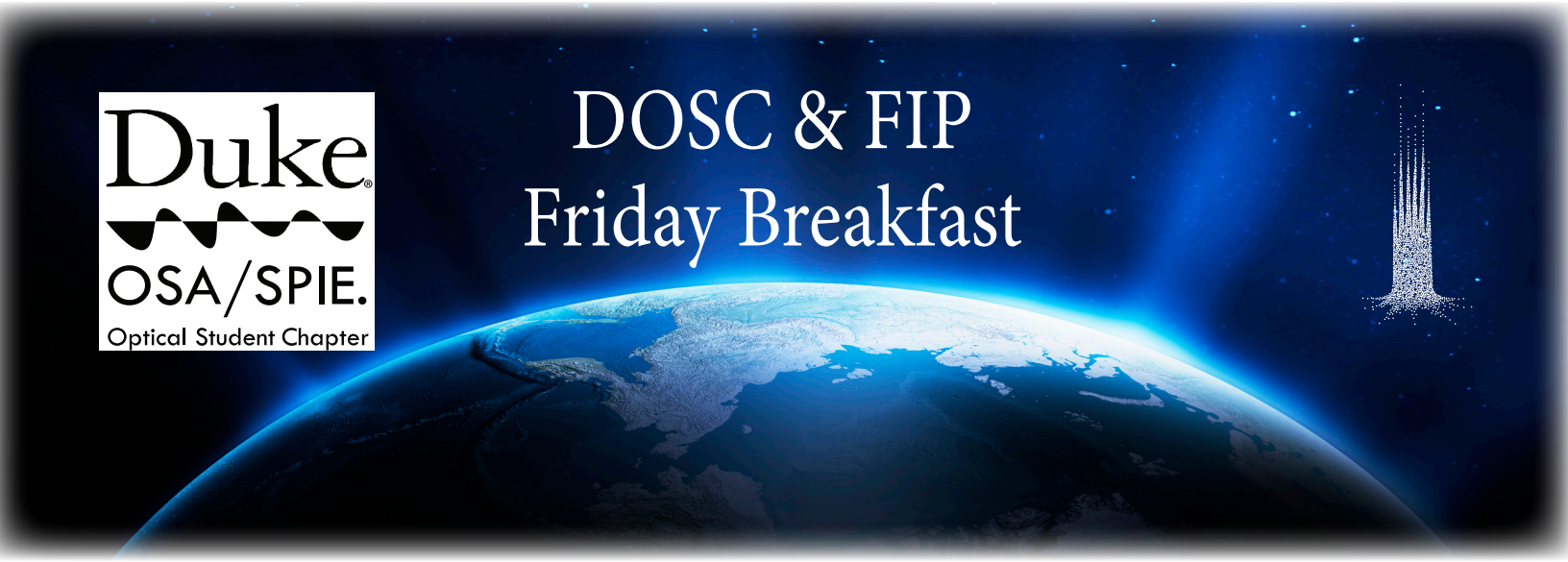

FIP & DOSC
Friday Breakfast Poster Sessions

"Systematic design and experimental demonstration of bi-anisotropic metasurfaces for scattering-free manipulation of acoustic wavefronts"

A fundamental limit for GSL-based metasurfaces is their power efficiency, especially at large deflection angles. Here we designed and fabricated the bi-anisotropic cells for wavefront transformation acoustic metasurface that overcomes this limit, allowing us to steer the power flow without parasitic scattering. Our discretized design is verified numerically and experimentally.

Presenter:
Junfei Li, Department of ECE
Professor Steven Cummer's Group

Friday, November 8, 2019
FCIEMAS Atrium -3rd floor
10:00 am

Breakfast & Coffee served

Thanks to our Sponsors!

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