

Emil Wolf's Memorial Workshop and Memorial

14 August 2018

University of Rochester, Rush Rhees Library, the Hawkins-Carlson Room

9:45 AM – 3:15 PM “Partially Coherent Thoughts” Workshop

Session 1. 9:45am-11:00am

1. Greg Gbur *Nonradiating sources, invisibility, and history*
2. Daniel F. V. James *Emil Wolf and coherence-induced spectral changes*
3. Wayne H. Knox *A fully coherent life*
4. Miguel Alonso *Correlations for vector fields*
5. Thomas Brown *Adventures with unconventional polarization: The amazing legacy of Richards and Wolf*

Session 2. 11:15am-12:30pm

6. Ari Friberg *Space-frequency coherence*
7. Govind Agrawal *Propagation-Induced Polarization Changes*
8. Mayukh Lahiri *Optical Polarization, Classical and Quantum: A Tribute to Emil Wolf*
9. Lukas Novotny *From analytical continuation to near-field coherence*
10. Deva Pattanayak *Professor Wolf and the Ewald Oseen Extinction Theorem*

LUNCH 12:30pm-1:30pm (invitation only)

Session 3. 1:30pm-3:15pm

11. Gabriel Popescu *Coherent imaging*
12. John C. Schotland *Radiative Transport in Quasi-homogeneous Random Media*
13. Aristide Dogariu *Using Spatial Coherence for Unconventional Sensing*
14. Taco Visser *Working with Emil on his last paper*
15. David G. Fischer *Scattering of partially coherent light*
16. Robert W. Boyd *Epsilon-near-zero materials: how does light behave when the refractive index vanishes*
17. James Fienup *Intersections with Emil Wolf: Phase Retrieval and Changes in Spectra*

4 PM ~ 5 PM Memorial Service

Proposed Order of speakers:

Dan Watson, (MC) Professor and former Chair of Physics, UR
Liz Rogan, CEO of OSA
Bruno Wolf, son
Taco Visser, Professor of Physics, Vrije Univ. Amsterdam
Joseph Eberly, Professor of Physics, UR
Kristina Johnson, Chancellor of SUNY
Scott Carney, Director and Professor of Optics, UR; PhD '99