

ASA School 2018
Oak Ridge Hotel and Conference Center, Chaska, MN

Friday 4 May

7:00 p.m. Welcome Reception

Saturday 5 May

7:00 a.m. Registration (pick up badges and materials)

7:30 a.m. Continental Buffet Breakfast

7:55 a.m. Welcome and Introduction – Schulte-Fortkamp, Dubno, Dosso

8:00-9:00 Megan S. Ballard - *Underwater Acoustics: Field Work, Laboratory Measurements, and Computational Models*

9:00-10:00 Roberto Racca - *Industrial Noise and the Gray Whales of Sakhalin: A Multi-Year Exercise in Estimation, Monitoring and Mitigation of Exposure for the Conservation of a Unique Group of Cetaceans*

10:00-10:40 Break

10:40-11:20 Student Introductions

11:00-12:00 Mark Bee - *A Frog's Ear View of the Cocktail Party Problem*

12:00-1:40 Lunch

1:40-2:00 Student Introductions

2:00-3:00 Klaus Genuit - *Psychoacoustics and its Applications*

3:00-4:00 Patricia Davies - *Development of Models that Predict Effects of Noise on People and Their Use in Machine and Engineered System Design*

4:00-4:40 Break

4:40-5:00 Student Introductions

5:00-6:00 Roundtable and Discussion

7:00 p.m. ASA School 2018 Dinner

Sunday 6 May

7:30 a.m. Continental Buffet Breakfast

8:00-9:00 Lisa M. Zurk - *Physics-Based Signal Processing Approaches for Acoustic Sensing Applications*

Veerle M. Keppens – *Physical Acoustics and Condensed Matter: Listening to Materials*

9:00-10:00 Break

10:00-10:45 Andrew Norris – *Absorption and Scattering of Sound by Structures: New Ideas for Old Problems* Lunch

10:45-11:45 Timothy J. Leighton – *Bubble Acoustics: Climate Change, Spaceships, Dolphins, and the Apocalypse*

11:45-1:30 Tyrone M. Porter - *The Evolution of Biomedical Acoustics: From Colloidal Stimulation to Tissue Ablation*

1:30-2:30 Break

2:30-3:30 Roundtable and Discussion

3:30-4:00 Closing, School Photo, Evaluation, Certificates

4:00-5:00 Transportation to Hyatt Regency Minneapolis

5:00-6:00

6:00 p.m.