

# FSSIC 2025 Program

Last Updated: July 4, 2025

## Sunday, July 27, 2025

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| 3:00 p.m. to 6:00 p.m. | <b>Registration</b> (Atrium, Science Building)      |
| TBD                    | FSSIC Proceedings Editors Meeting (invitation only) |

## Monday, July 28, 2025

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| 7:30 a.m. – 9:00 a.m.   | <b>Registration</b> (Atrium, Science Building)  |  |
| 9:00 a.m. – 9:15 a.m.   | <b>Welcome and Opening Session</b> (Dr. Peter Zakarow Auditorium UA1350, Science Building)  |  |
| 9:15 a.m. – 10:00 a.m.  | <b>Keynote Lecture</b> (Dr. Peter Zakarow Auditorium UA1350, Science Building)<br><i>Session Chair: Atef Mohany</i><br><br><b>Prof. Marianna Braza</b><br>Electroactive morphing for disruptive wing design enabling drastic aerodynamic performance increase |  |
| 10:00 a.m. – 10:15 a.m. | Coffee Break (Atrium, Science Building)   |  |
| 10:15 a.m. – 11:55 a.m. | <b>Technical Sessions 1</b> (Science Building)  |  |
|                         | Session 1A (Room UA1120)<br><b>Acoustics 1</b><br><i>Session Chair: Philippe Lavoie</i>   | Session 1B (Room UA1140)<br><b>Jets 1</b><br><i>Session Chair: Francisco Huera-Huarte</i>  |
| 10:15 a.m.              | Leading edge noise from a finite wall-mounted airfoil immersed in a turbulent boundary layer (012)<br><i>Con Doolan, Roman Kisler, Charitha de Silva, Danielle Moreau</i>   | Diffusion mixing of jets with different densities using secondary film flow (017)<br><i>Norimasa Miyagi, Motoaki Kimura</i>  |
| 10:35 a.m.              | Measurements of the velocity distribution and noise behind a counter-rotating wind turbine model (043)<br><i>Yoshifumi Jodai, Yusei Suzuki</i>  | Estimation of the turbulent velocity field in a controlled wall jet (055)<br><i>Bonnie Sim, Joseph W. Hall</i>   |
| 10:55 a.m.              | Investigation on self-noise of porous samples through acoustic measurements in wind tunnel (033)<br><i>Nick Connington-Bourbonniere, Joana Rocha, Peter Waudby-Smith</i>  | Impact of nozzle geometry on turbulent free jet dynamics: an experimental study (075)<br><i>Alec Sangster, Amirhossein Hamidi, Ronald Hanson</i>                                   |
| 11:15 a.m.              | Aeroacoustic characteristics of the main components of a generic nose landing gear (046)<br><i>Zhe Lu, Alis Ekmekci</i>   | Numerical investigation of self-excited oscillations and aeroacoustic energy exchange in impinging jet flows within HTGR cores (119)<br><i>Mohammed Alziadeh, Salim El Bouzidi</i> |
| 11:35 a.m.              | Which swimmer is noisier in water? Eel or jackfish (102)  | On three-dimensional entrainment dynamics of non-circular orifice impinging jets: Time-  |

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|                        | <i>Amirhossein Fardi, Muhammad Saif Ullah Khalid</i>   | resolved tomographic particle image velocimetry (038)<br><i>Hao Qu, Xin Zeng, Peng Wang, Yingzheng Liu</i>  |
| 11:55 a.m. – 1:30 p.m. | Lunch (South Village Dining Hall)  |   |
| 1:30 p.m. – 3:10 p.m.  | <b>Technical Sessions 2</b> (Science Building)   |   |
|                        | Session 2A (Room UA1120)<br><b>Fluid-Structure Interaction 1</b><br><i>Session Chair: Dominique Poirel</i>   | Session 2B (Room UA1140)<br><b>Multiphase Flow</b><br><i>Session Chair: Sergio Viçosa Möller</i>  |
| 1:30 p.m.              | A numerical study of flexible flapping wings in highly compressible flows (003)<br><i>Nathan Widdup, Li Wang, John Young, Fang-bao Tian</i>  | Large eddy simulation of turbulent flow in a simplified helical coil steam generator (032)<br><i>Gihwan Lee, Haecheon Choi</i>  |
| 1:50 p.m.              | Nonlinear responses of clearance-supported structures subjected to fluidelastic forces experimentally identified using a fractional model (004)<br><i>José Antunes, Philippe Piteau, Xavier Delaune</i>                              | Predicting flow-induced forces in two-phase intermittent cross-flow with morphology-adaptive CFD (036)<br><i>Daniele Vivaldi, Marco Colombo</i>                           |
| 2:10 p.m.              | Linear stability analysis of two parallel inverted flags in axial flow (011)<br><i>Shaoguang Wang, Mathias Legrand, Michael P. Paidoussis</i>  | Bubble rise dynamics in a quiescent liquid and impact on a cylinder (047)<br><i>Fanny Beltran, William Benguigui, Nicolas Méricoux, Thomas Bonometti, Catherine Colin</i> |
| 2:30 p.m.              | Designing fluid-structure interactions with kirigami: making parachutes out of thin sheets (019)<br><i>Danick Lamoureux, Sophie Ramanarivo, Frédéric P. Gosselin, David Mélançon</i>   | Numerical investigation of snow accumulation on inclined surfaces (116)<br><i>Kiran P. Keshavan, Martin Agelin-Chaab, Horia Hangan</i>                                    |
| 2:50 p.m.              | Characterizing turbulence fluctuations in Stuart vortices through differential elimination algorithms (062)<br><i>Valencia Negrete, Carla, Romero de Terreros Aramburu, Manuel</i>   | Two-phase cross-flow in tube bundles: transition to a high flow rate regime (007)<br><i>Lucas Prévost, Philippe Piteau</i>  |
| 3:10 p.m. – 3:30 p.m.  | Coffee Break (Atrium, Science Building)  |   |
| 3:30 p.m. – 4:10 p.m.  | <b>Plenary Lecture</b> (Dr. Peter Zakarow Auditorium UA1350, Science Building)<br><i>Session Chair: Atef Mohany</i><br><br><b>Marwan Hassan</b><br>Cross-flow excitation in tube arrays: current understanding and future challenges |   |
| 4:10 p.m. – 5:50 p.m.  | <b>Technical Sessions 3</b> (Science Building)   |   |
|                        | Session 3A (Room UA1120)<br><b>Experimental Techniques</b><br><i>Session Chair: Daegyoun Kim</i>   | Session 3B (Room UA1140)<br><b>Wakes 1</b><br><i>Session Chair: Martin Agelin-Chaab</i>   |
| 4:10 p.m.              | Unsteady wall shear-stress measurements on an accelerating cylinder (018)<br><i>Jesse A. MacArthur, Joseph W. Hall</i>   | Three-dimensional wake of a surface-mounted finite-height square prism of small aspect ratio (023)<br><i>Barbara L. da Silva</i>  |
| 4:30 p.m.              | Generation of representative on-road yaw distributions in a model-scale automotive wind tunnel (066)   | Interaction between two spheres falling side by side across a liquid-liquid interface (070)<br><i>Eunseong Moon, Dohyun Kim, Daegyoun Kim</i>                             |

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|                       | <i>C.S. Kandias, G. Cacho, D. Van Every, P. Waudby-Smith, R. Hanson</i>  |  |
| 4:50 p.m.             | Impact of porous material morphology on the sensitivity of triboelectric sound sensors (087)<br><i>Mohammad M. Rastegardoost, Siros Khorshidi, Zia Saadatnia, Hani E. Naguib</i> | Flow around surface-mounted rectangular flat plates of low aspect ratio at different angles of attack (084)<br><i>K. Baron, E. Montes Gomez, D. Sumner</i> |
| 5:10 p.m.             | Design and analysis of full-scale truncated wind tunnel slat model for aeroacoustic testing (118)<br><i>Abhijit Roy, Daniel Foster, Alis Ekmekci</i>                             | Flexible membranes in bluff body flows: a review (089)<br><i>Roham Lavimi, Clément Rouaix, Horia Hangan</i>  |
| 5:30 p.m.             | Surface airflow sensor based on flexible magnetic cilia (051)<br><i>Zhijian Wen, Yang Liu, Jiamin Chen, Wenchao Yang</i>   | Linear and nonlinear processes in stratified turbulence with mean shear (107)<br><i>Hideshi Hanazaki, Ayush Parajuli, Shinya Okino</i>                     |
| 5:50 p.m. – 6:00 p.m. | Break  |  |
| 6:00 p.m. – 8:00 p.m. | <b>Welcome Reception and Tour of Automotive Centre of Excellence (ACE)</b>   |  |

## Tuesday, July 29, 2025

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| 8:30 a.m. – 10:10 a.m. | <b>Technical Sessions 4</b> (Science Building)   |   |
|                        | Session 4A (Room UA1120)<br><b>Acoustics 2</b><br><i>Session Chair: Joana Rocha</i>  | Session 4B (Room UA1140)<br><b>Energy Harvesting</b><br><i>Session Chair: Marwan Hassan</i>   |
| 8:30 a.m.              | Noise source localisation from the interaction of anisotropic turbulence with a flat plate serrated leading-edge (021)<br><i>Sophia Nicole Rueda Pablo, Con Doolan, Charitha de Silva, Danielle Moreau</i> | Energy harvesting using a one-degree-of-freedom pendulum with and without wake interference (009)<br><i>Francisco Huera-Huarte</i>                                |
| 8:50 a.m.              | Control of aerodynamic noise from an axial fan in a narrow duct using a resonator-type silencer (061)<br><i>Hiroshi Yokoyama, Yuto Saito, Yoshiki Kawanishi, Takashi Kuraishi</i>                          | Energy harvesting potential in pendular tandem cylinder systems (030)<br><i>Patrick Batista Habowski, Adriane Prisco Petry, Sergio Viçosa Möller, Atef Mohany</i> |
| 9:10 a.m.              | Dynamics of the separating and reattaching flow in the flap cove of the 30P30N high-lift airfoil (054)<br><i>Marinus K. Okoronkwo, Hadar Ben-Gida, Oksana Stalnov, Stephane Moreau, Philippe Lavoie</i>    | Vortical structures around a vertical-axis wind turbine (041)<br><i>Sangwoo Ahnn, Haecheon Choi</i>   |
| 9:30 a.m.              | The effects of the sweep angle on slat noise characteristics of the 30P30N high-lift model and an investigation of the noise generated by slat accessories (077)<br><i>Raymond Alsaif, Alis Ekmekci</i>    | Efficient ocean wave energy harvesters; an adaptable system (006)<br><i>Aref Afsharfard, Kyung Chun Kim</i>   |
| 9:50 a.m.              |  | Geometry-resolved aero-servo-elastic simulation of an airborne wind energy system (104)<br><i>Niels Pynaert, Maxim Notable, Thomas Haas, Jolan Wauters,</i>       |

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|                         |  | Guillaume Crevecoeur, Joris Degroote   |
| 10:10 a.m. – 10:50 a.m. | <b>Keynote Lecture</b> (Dr. Peter Zakarow Auditorium UA1350, Science Building)<br><i>Session Chair: David Sumner</i><br><br><b>Prof. Yu Zhou</b><br>Progress in artificial intelligence control of turbulence                      |  |
| 10:50 a.m. – 11:20 a.m. | Coffee Break (Atrium, Science Building)  |  |
| 11:20 a.m. – 12:00 p.m. | <b>Plenary Lecture</b> (Dr. Peter Zakarow Auditorium UA1350, Science Building)<br><i>Session Chair: David Sumner</i><br><br><b>Prof. Njuki Mureithi</b><br>Selected problems in flow-induced vibration of nuclear plant components |  |
| 12:00 p.m. – 12:10 p.m. | <b>Symposium Photo</b> (Polonsky Commons)  |  |
| 12:10 p.m. – 1:30 p.m.  | Lunch (South Village Dining Hall)  |  |
| 1:30 p.m. – 3:10 p.m.   | <b>Technical Sessions 5</b> (Science Building)   |  |
|                         | Session 5A (Room UA1120)<br><b>Fluid-Structure Interaction 2</b><br><i>Session Chair: Frédérick Gosselin</i>   | Session 5B (Room UA1140)<br><b>Wakes 2</b><br><i>Session Chair: Amro Elhelaly</i>  |
| 1:30 p.m.               | FSI study of flexible flippers for uncrewed vessels (026)<br><i>Xi Lin, Hemant Singh, John Young, Fang-Bao Tian</i>  | Assessment of universal wake behaviour for two-dimensional bluff bodies (010)<br><i>David Sumner</i>   |
| 1:50 p.m.               | Effect of flow pulsation on the stability of Tollmien-Schlichting and travelling-wave flutter in a compliant-walled channel (045)<br><i>Mohammad Ramezani, Julien Cisonni, Kostas Tsigklifis, Anthony Lucey</i>                    | Impact of an elliptical rear design of the Ahmed body on drag and soiling (097)<br><i>Naseeb Ahmed Siddiqui, Martin Agelin-Chaab</i>   |
| 2:10 p.m.               | Experimental insights into transverse fluidelastic instability of triangular tube arrays under single-phase and two-phase cross-flows (059)<br><i>Domenico Panunzio, Philippe Piteau, José Antunes</i>                             | Instantaneous reattachment and stagnation points for surface-mounted low-aspect-ratio square prisms (085)<br><i>L. Fradette, B. Petreny, D. Sumner</i>   |
| 2:30 p.m.               | Fluid torque acting on a tumbling plate (074)<br><i>Katsuya Hirata, Hiroaki Mihara, Itsuki Yamamoto, Ayumu Mizutani</i>  | An analysis into the wing-tip vortex kinematics of a supercritical airfoil at moderate angle of attack (081)<br><i>Satoshi Baba, Guang C. Deng, Hadar Ben-Gida, Stéphane Moreau, Oksana Stalnov, Philippe Lavoie</i> |
| 2:50 p.m.               | Kirigami sheets in uniform and disturbed fluid flow (111)<br><i>Adrian Carleton, Yahya Modarres-Sadeghi</i>  | On the supersonic separation of two bodies with different ballistic coefficients (053)<br><i>Vladislav Lukashenko, Fedor Maksimov</i>  |
| 3:10 p.m. – 3:40 p.m.   | Coffee Break (Atrium, Science Building)  |  |
| 3:40 p.m. – 5:20 p.m.   | <b>Technical Sessions 6</b> (Science Building)   |  |
|                         | Session 6A (Room UA1120)<br><b>Flow-Induced Vibration 1</b>  | Session 6B (Room UA1140)<br><b>Jets 2</b>  |

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|           | <i>Session Chair: Danielle Moreau</i>  | <i>Session Chair: Joseph Hall</i>  |
| 3:40 p.m. | Stall flutter response to longitudinal gusts at transitional Reynolds numbers (057)<br><i>Xiaoyang Zhang, Dominique Poirel, Weixing Yuan</i>   | AI-based virtual engineering technique for active drag reduction of a maglev train (073)<br><i>Wan Z.R., Deng G.M., Xi L.C., Zhou Y.</i>   |
| 4:00 p.m. | Flow-induced vibration of separated two-phase flow in a piping structure with multiple elbows (065)<br><i>Olufemi E. Bamidele, Wael H. Ahmed, Marwan Hassan</i>  | Dynamic flow vectoring by an array of synthetic jet actuators (080)<br><i>Hossein Khanjari, Ronald Hanson</i>  |
| 4:20 p.m. | Work-rate measurements of tubular bundles in single-phase cross flow (117)<br><i>Amro Elhelaly, Atef Mohany, Marwan Hassan</i>   | Combined active and passive excitation of a jet: toward the transition control and enhanced turbulent mixing (072)<br><i>Linar Gareev, Oleg Ivanov, Vladimir Trifonov, Vasily Vedeneev</i> |
| 4:40 p.m. | Proper orthogonal decomposition analysis of a cylinder fitted with a spanwise tripwire undergoing flow induced vibrations (060)<br><i>Alis Ekmekci, Pouya Mohtat</i>   | Optimized microjet array for drag reduction of a high Reynolds number turbulent boundary layer (093) ( <a href="#">Recorded Presentation</a> )<br><i>Zhang E.D., Wei X.H., Zhou Y.</i>     |
| 5:00 p.m. | Performance of flow-induced vibrational power generator by a cantilevered circular cylinder with a finite-length splitter plate (049)<br><i>Takahiro Kiwata, Haruki Mitani, Mohamed Heragy, Toshiyuki Ueno, Alis Ekmekci</i> | AI-directed drag reduction of an Ahmed body using five independently controlled jet arrays (014) ( <a href="#">Recorded Presentation</a> )<br><i>Yuying Lin, Yukuan Song, Yu Zhou</i>      |
| 5:20 p.m. | End of Tuesday activities / supper on own – restaurants off campus are within walking distance   |  |
| TBD       | International Organising Committee Meeting (invitation only)   |  |
| TBD       | International Organising Committee Dinner (invitation only)  |  |

## Wednesday, July 30, 2025

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| 8:30 a.m. – 10:30 a.m. |           | <b>Technical Sessions 7</b> (Science Building)   |   |
|                        |           | Session 7A (Room UA1120)<br><b>Acoustics 3</b><br><i>Session Chair: Alis Ekmekci</i>   | Session 7B (Room UA1140)<br><b>Flow Control</b><br><i>Session Chair: Joaquin Moran</i>  |
|                        | 8:30 a.m. | The noise radiation and unsteady wall pressure of a tip clearance flow under adverse pressure gradient (035)<br><i>Manuj Awasthi, Andre Vumbaca, Tingyi Zhang, Con Doolan, Danielle Moreau</i> | Experimental study of variable-incidence angle vortex generators for leading-edge roughness of wind turbine blades (039)<br><i>Donggeun Kim, SeongWoo Park, Jong-Seob Han</i> |
|                        | 8:50 a.m. | Effect of acoustic boundary conditions of the gas column on the resonance frequencies in burnt gas of hydrogen-containing mixture (098)<br><i>Yusei Kimura, Akane Uemichi</i>                  | Hydrodynamic response of a magnetic disk swarm floating on a free surface (064)<br><i>Dohyun Kim, Eunseong Moon, Daegyoum Kim</i>   |
|                        | 9:10 a.m. | Flow-excited acoustic resonance from two tandem square rods (110)<br><i>Amin Nasrollah, Atef Mohany</i>  | Aerodynamic and acoustic characteristics of propeller with mixed serration aspect ratio (040)<br><i>ChangJin Hong, HyunKyum Kim, JinTae Kim, JongSeob Han</i>                 |

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| 9:30 a.m.               | Break   | Break  |
| 9:35 a.m.               | Suppression of flow-induced acoustic resonance from a cylinder using a splitter plate (086)<br><i>Rasha Noufal, Hossam Kishawy, Atef Mohany</i>   | Integrated AI-based optimization of geometric and active control parameters for drag reduction of an underwater vehicle model (016)<br><i>W.L. Zhao, G.M. Deng, Y. Zhou</i>                |
| 9:55 a.m.               | Aeroacoustics radiation of a two-bladed rotor with flexible blades (048)<br><i>F. Hassenforder, S. Prothin, N. Doué</i>   | Genetic algorithm-based optimization of miniature vortex generators for drag reduction in turbulent boundary layers (100)<br><i>Zihuang Yu, Kai Zhang, Zhi Wu, Hongquan Zhang, Yu Zhou</i> |
| 10:15 a.m.              | TBD   | TBD  |
| 10:35 a.m. – 10:50 a.m. | Coffee Break (Atrium, Science Building)   |  |
| 10:50 a.m. – 11:30 a.m. | <b>Plenary Lecture</b> (Dr. Peter Zakarow Auditorium UA1350, Science Building)<br><i>Session Chair: Horia Hangan</i><br><br><b>Prof. Stéphane Moreau</b><br>Wall-pressure fluctuations: a bridge between aeroacoustics, vibroacoustics and aeroelasticity |  |
| 11:30 a.m. – 1:00 p.m.  | Lunch (South Village Dining Hall)   |  |
| 1:00 p.m.               | Buses Leave for Niagara Falls (for those with pre-purchased tickets only)   |  |
| 2:00 p.m. – 6:00 p.m.   | Explore Niagara Falls   |  |
| 4:00 p.m. – 6:00 p.m.   | Guided Tour of the historic Niagara Falls Power Station   |  |
| 6:30 p.m. – 7:00 p.m.   | <b>Reception</b> (for those with pre-purchased tickets only)  |  |
| 7:00 p.m. – 8:30 p.m.   | <b>Symposium Dinner</b> (for those with pre-purchased tickets only)   |  |
| 8:30 p.m.               | Buses Leave for Ontario Tech University and Holiday Inn Express & Suites  |  |
| 10:30 p.m.              | Buses Arrive at Ontario Tech University and Holiday Inn Express & Suites  |  |

## Thursday, July 31, 2025

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| 8:30 a.m. – 10:10 a.m. | <b>Technical Sessions 8</b> (Science Building)   |   |
|                        | Session 8A (Room UA1120)<br><b>Fluid-Structure Interactions 3</b><br><i>Session Chair: José Antunes</i>  | Session 8B (Room UA1140)<br><b>Flow-Induced Vibration 2</b><br><i>Session Chair: Motoaki Kimura</i>   |
| 8:30 a.m.              | Effect of support clearance on the fluidelastic response of rotated square tube arrays (101)<br><i>Amro Elhelaly, Joaquin Moran, David Dawson, Marwan Hassan</i> | Flow induced vibration in a mixed geometry tube array (083)<br><i>Pegah Mehrabian, Njuki Mureithi</i> |
| 8:50 a.m.              | Modelling fluidelastic instability in rotated square tube arrays (115)<br><i>Amro Elhelaly, David Dawson, Salim El Bouzidi, Marwan Hassan</i>                    | A novel decay friction model with natural continuity (058)<br><i>Abdallah Hadji, Njuki Mureithi</i>   |



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| 9:10 a.m.               | Fluctuating surface pressure response of a small rotor exposed to an impinging jet (029)<br><i>Justin Malkki, Yendrew Yauwenas, Con Doolan, Danielle Moreau</i>   | Vortex-induced vibration of the circular cylinder near of the seabed including seabed erosion (099)<br><i>Oleg Ivanov, Anastasiia Shishaeva</i>   |
| 9:30 a.m.               | Experimental study and parametric analysis of the nonlinear aeroelastic dynamics of a pitching flexible cantilever (112)<br><i>David van Herpt, Dominique Poirel, David Clarabut</i>  | Direction-adaptive energy harvesting using flow induced torsional oscillation of tandem cylinders (063)<br><i>Juncheng Shen, Lang Li, Mark A. Stremmer, Wenchao Yang</i>  |
| 9:50 a.m.               | Theoretical investigation of a partially confined pipe simultaneously subjected to internal aspirating and external discharging flows (076)<br><i>Darya Mirhosseini, Arun K. Misra, Michael P. Paidoussis</i>   | Experimental investigation of rotational vortex-induced vibrations of a circular cylinder attached to an elastic beam (050)<br><i>Yaroslav Demchenko, Oleg Ivanov, Vasily Vedenev</i>   |
| 10:10 a.m. – 10:40 a.m. | Coffee Break (Atrium, Science Building)   |   |
| 10:40 a.m. – 12:00 p.m. | <b>Technical Sessions 9</b>   |   |
|                         | Session 8A (Room UA1120)<br><b>Acoustics 4</b><br><i>Session Chair: Zia Saadatnia</i>   | Session 9B (Room UA1140)<br><b>Machine Learning/AI</b><br><i>Session Chair: Yu Zhou</i>   |
| 10:40 a.m.              | Flap tip vortex dynamics contributing to noise generation (079)<br><i>Neil Farvolden, Hadar Ben-Gida, Oksana Stalnov, Philippe Lavoie</i>   | Machine learning strategies for accelerating partitioned fluid-structure interaction simulations (094)<br><i>A. Tiba, T. Dairay, F. De Vuyst, J.P. Ramirez, I. Mortazavi</i>  |
| 11:00 a.m.              | Analysis of wake evolution and noise spectra of a ship propeller using large-eddy simulation: effects of optimized boss cap with fin-foil and wavy rudder (113)<br><i>Mohammad-Reza Pendar, Duncan McIntyre, Peter Oshkai</i>                               | Analysis of the Duffing nonlinear oscillator using tropical algebra and physics informed neural networks (067)<br><i>Carla Victoria Valencia-Negrete, Alonso Octavio Andapia-Viveros, Marco Favela-Rodríguez</i>                                    |
| 11:20 a.m.              | Investigation of vortex dynamics and radiated noise sources of the Voith-Schneider propeller with LES (114)<br><i>Duncan McIntyre, Mohammad-Reza Pendar, Michael Palm, Peter Oshkai</i>   | Sparse Bayesian learning of nonlinear aerodynamics for aeroelastic limit cycle oscillations using wind-tunnel data (108)<br><i>David Clarabut, Brandon Robinson, Rimple Sandhu, Mohammad Khalil, Chris Pettit, Dominique Poirel, Abhijit Sarkar</i> |
| 11:40 a.m.              | On spatiotemporal evolution of wall noise sources in high-speed dual-impinging jets: Fast-pressure sensitive paint and microphone correlation aeroacoustic measurement (037)<br><i>Haoyuan Zhang, Hyung Jin Sung, Di Peng, Yingzheng Liu, and Peng Wang</i> | Nonlinear aeroelastic prediction using sparse Bayesian physics-informed neural network (109)<br><i>Nastaran Dabiran, Brandon Robinson, Dominique Poirel, Abhijit Sarkar</i>   |
| 12:00 p.m. – 12:30 p.m. | <b>Closing Session</b> (Dr. Peter Zakarow Auditorium UA1350, Science Building)  |   |
| 12:30 p.m. – 2:00 p.m.  | Lunch (South Village Dining Hall)   |   |