

KALEIDOSCOPE OF CREATIVITY:

Experience a Musical Gallery inspired by Western University's Northern Tornadoes Project and other weather and nature-inspired research.



Western
UNIVERSITY • CANADA

Tonight will showcase collaborations with the Northern Tornadoes Project, Faculty and students from the Don Wright Faculty of Music, Marine Biologist Dr. Paul Mensink, Seismologist Dr. Lucy Jones, students from the School of Advanced Studies in the Arts and Humanities and internationally acclaimed guest musicians.

THE NORTHERN TORNADOES PROJECT

The Northern Tornadoes Project (NTP), was founded at Western University in 2017 with the support of social impact fund ImpactWX, aims to better detect tornado occurrence throughout Canada, improve severe and extreme weather understanding and prediction, mitigate against harm to people and property, and investigate future implications due to climate change.

In May 2023 AVPR **Jacquelyn Burkell** introduced me to **Dr. Greg Kopp**, lead researcher of NTP and I was thrilled to learn that he is an advocate of scientists collaborating with artists to create different kinds of spaces for the public to engage with the work of NTP. It has been a joy to brainstorm with him and with many other colleagues to come up with the diverse programming for this evening. - **Sharon Wei, Associate Professor of Viola**



SCHEDULE

7-8PM | EVENTS IN MUSIC BUILDING AND TALBOT COLLEGE

8:15-9:30PM | PANEL DISCUSSION AND NTP COMMISSIONS IN VON KUSTER HALL

VON KUSTER HALL

World premiere of musical works by Don Wright Faculty of Music's graduate composers inspired by the Northern Tornadoes Project.

Performance Start Times : 7PM and 7:30PM

Didsbury

Emily Hiemstra

Ludmilla Kraneck,
Miriam Elsawi,
Tasman Tantasawat,
Zack Guo, violas

Endure nor Deny

Joyce Lee

Dr Thomas Wiebe, cello
Dr Angela Park, piano

L'edanrotornade

Neda Samaval

Liam Bird, alto saxophone
Danielle McAfee, baritone saxophone

An Alpine Trio

Ryan Duffy

Dr. Jana Starling, bass clarinet
Dr. Aaron Hodgson, trumpet and flugelhorn
Dr Denis Jiron, trombone

Continued

Music Building Room 227

Science can be beautiful, Art can be informative

Music from Dr Lucy Jones' Tempo Project: In Nomine Calens
and music inspired by storms and tornadoes by Dr David Ludwig and Joshua Roman

Performance Start times 7 pm, 7:20 pm and 7:40 pm

In Nomine Terra Calens: In the name of a warming Earth Dr Lucy Jones

Yvonne Lam, violin
Annemarie Moorcro`, viola
Zachary Mowitz, cello
Mischa Meyer, cello

Aigaios Quartet inspired by the Greek God of Storm Dr David Ludwig

Yvonne Lam, violin
ScoE St John, violin
Annemarie Moorcro`, viola
Mischa Meyer, cello

**Tornado quintet Joshua Roman excerpt from Tornado cello quintet
inspired by Tornadoes of Oklahoma**

Yvonne Lam, violin
ScoE St John, violin
Annemarie Moorcro`, viola
Mischa Meyer, cello
Zachary Mowitz, cello

Continued

Music Building Studio 242

Teaching Fellow from the Faculty of Science Dr. Paul Mensink presents a VR experience with live music

Performance Start times: 7 pm, 7:15 pm, 7:30 pm, 7:45 pm

The boundaries between the real and the virtual will blur into an extraordinary musical event.

This unique show will combine live music performance with cutting-edge virtual reality technology to add an entirely new dimension to the concert experience. Guests will don VR headsets to step into underwater worlds where the music not only surrounds them but interacts with them in a new musical landscape.

Totem Voices
- II. Beluga

Catherine McMichael

Dr. Aaron Hodgson and Nikola Cunha Locatelli, trumpet Sarah Bowker, piano

Music Building Room 241 | Drop in any time between 7-8 pm

Students from the School of Advanced Studies in Arts and Humaniles (SASAH) present their work inspired by Dr Paul Mensink's VR Experience

Talbot Atrium | Atrium Drop in any time between 7-8 pm

Marine Biologist Dr Paul Mensink presents an Augmented reality experience drop in any time from 7 pm-8 pm

Music Building Room 140 | Drop in any time between 7-8pm

Students from the School of Advanced Studies in Arts and Humaniles (SASAH) present their work inspired by the Northern Tornadoes Project

Von Kuster Hall 8:15pm-9:30pm

Please join us in Von Kuster Hall for a more formal performance of the 4 pieces of music inspired by the Northern Tornadoes Project followed by a panel discussion with Northern Tornadoes Project Leader Dr. Greg Kopp, Tempo Director Dr. Lucy Jones, Dean of Graduate studies in Music Dr. Kevin Mooney and cellist Zachary Mowitz. The evening will conclude with music from Beethoven's Symphony No. 6 "Pastoral" arranged for string sextet with violinists ScoE St John, Yvonne Lam, violists Annemarie Moorcro, Sharon Wei and cellists Zachary Mowitz and Mischa Meyer

PANEL OF GUEST SPEAKERS

MODERATOR: DR KEVIN MOONEY ASSOCIATE DEAN - GRADUATE STUDIES DON WRIGHT FACULTY OF MUSIC

Dr Greg Kopp



PROJECT LEADER FOR NORTHERN TORNADOES PROJECT

Dr. Greg Kopp is the [ImpactWX](#) Chair in Severe Storms Engineering, lead researcher in the Northern Tornadoes Project, and a professor in Western University's Department of Civil and Environmental Engineering. He received a BSc in Mechanical Engineering from the University of Manitoba in 1989, a MEng from McMaster University in 1991 and a PhD in Mechanical Engineering from the University of Toronto in 1995. His expertise and research relate to mitigating damage to structures during extreme wind storms such as tornadoes and hurricanes.

Dr Lucy Jones



FOUNDER AND DIRECTOR OF TEMPO, MUSIC FOR CLIMATE ACTION

Dr. Lucy Jones is the founder and Chief Scientist of the Dr. Lucy Jones Center for Science and Society, with a mission to foster the understanding and application of scientific information in the creation of more resilient communities, and a Research Associate at the Seismological Laboratory of Caltech. With a Bachelor of Arts in Chinese Language and Literature from Brown University and a Ph.D. in Geophysics from MIT, Dr. Jones has been active in earthquake research for decades, furthering earthquake risk reduction, including 33 years of federal service with the US Geological Survey.

Zack Mowitz



COMMUNITY ARTIST FELLOW AT THE CURTIS INSTITUTE

A native of New Jersey, cellist [Zachary Mowitz](#) made his solo debut with the Philadelphia Orchestra as winner of the Greenfield Competition. He studied at the Curtis Institute of Music with Carter Brey and Peter Wiley and served as principal cello of the Curtis Symphony Orchestra. Personally invested in expanding the impact of classical music, Zachary has dedicated considerable time and energy to a community engagement programs. He has also performed for Music For Food, Project Music Heals Us, public schools throughout New Mexico with Music From Angel Fire, Philadelphia's Project HOME (where he also led song-writing and arrangement workshops). In 2024 he will join the cello section of the Los Angeles Philharmonic.

VR AND AR EXPERIENCES

Presented by Dr Paul Mensink, Teaching Fellow Faculty of Science



“

My singular goal is to have these new technologies used in every course across the campus. There are no limits to this. We're starting to try to build interdisciplinary initiatives that will allow students from across the campus to work together using these technologies. Things like designing an art exhibition in augmented reality or using augmented reality to create art or attaching history to a specific place and having an AR experience there. So, there are many options and we're really just at the very beginning of it.

”



DON WRIGHT FACULTY OF STUDENTS

Involved in Northern Tornado Commissions, VR Concerts and Chamber Music in MB 227

Compositions & Composers

- “L’edanrotornade” by **Neda Samavati** for alto and baritone saxophones
- “Didsbury” by **Emily Hiemstra** for the viola quartet
- “An Alpine Trio” by **Ryan Duffy** for bass clarinet, trumpet and trombone
- “Endure nor Deny” by **Joyce Lee** for cello and piano

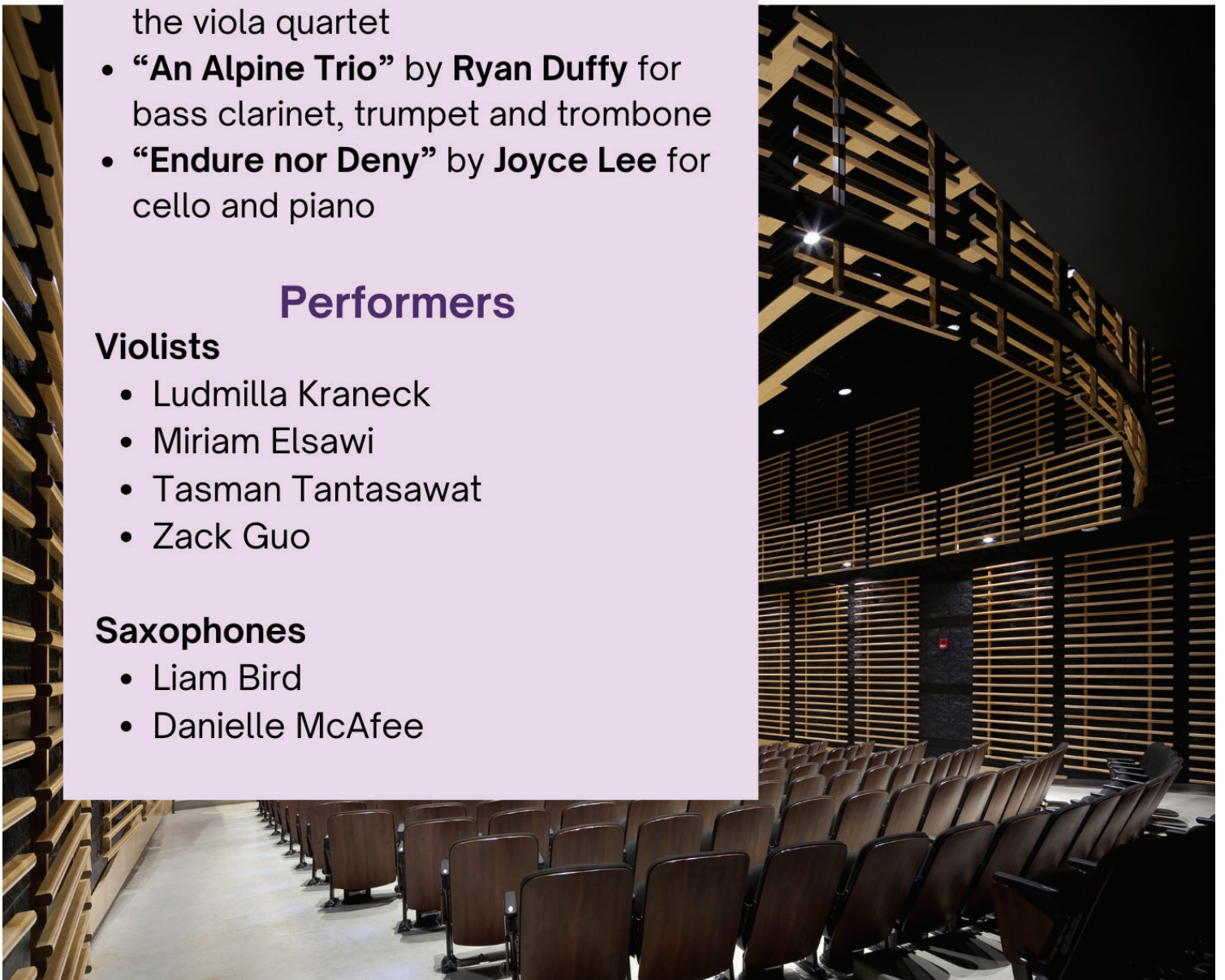
Performers

Violists

- Ludmilla Kraneck
- Miriam Elsawi
- Tasman Tantasawat
- Zack Guo

Saxophones

- Liam Bird
- Danielle McAfee



DON WRIGHT FACULTY OF MUSIC FACULTY INVOLVED

Performers

- Dr. Aaron Hodgson, Trumpet
- Dr. Jana Starling, Clarinet
- Dr. Denis Jiron, Trombone
- Dr. Thomas Wiebe, Cello
- Dr. Angela Park, Piano
- Sharon Wei, Viola

Coaches for New Commissions

- Dr Omar Daniel, Composer
- Dr Paul Frehner, Composer
- Bobbi Thompson, Viola
- Annemarie Moorcroft, Sax



ADDITIONAL GUEST PERFORMERS



Yvonne Lam | Violin

Grammy-winning violinist Yvonne Lam is currently professor of violin at Michigan State University



Scott St John | Violin

Concertmaster of ROCO Chamber Orchestra in Houston



Mischa Meyer | Cello

Based in Berlin, Mischa is the principal cellist of the Deutsches Radio Symphony



Zachary Mowitz | Cello

American cellist Zachary Mowitz was a Community Artist Fellow at the Curtis Institute and will begin his tenure with the Los Angeles Philharmonic in the Fall.

SCHOOL OF ADVANCED STUDIES IN THE ARTS AND HUMANITIES

@reallygreatsite

Faculty Members

- Dr.Christine Sprengler | Visual arts
- Dr. Aara Suksi | Director of SASAH
- Sharon Wei | Don Wright Faculty of Music
- TA | Tanner Layton

Students

Zoey Boszormeny

Abigail Gallegos

Isabella Gilbert

Felix Gu

Annemarie Guzman

Dialah Jarcas

Samin Joulaie

Faiza Khan

Check Lam Li

Celia MacDonald

Myles MacPherson

Levi Macleod

Charlie Malkin

Fiona McAllister

Kira McCallum-Schmidt

Beck McManus

Narain

Beck McManus

Jasmyn Narain

Ivanna Navarrete

Radhika Ram

Ava Roque

Sabrina Siscos

Maximilian Stenbock

Hannah Teicher

Estella Tong

Theodora Vulpe

Catherine Walke

Martina Weisenblum

Sharon Wei would like to acknowledge the many people who worked together to bring tonight's Musical Gallery to life.

Special thanks to Dr Greg Kopp and his amazing team of engineers for all of their support that inspired this whole evening!

Thank you to Dr Fred Longstaffe for connecting Dr Lucy Jones to this project and Western Academy for Advanced Research for funding her time at Western.

Thank you to Dr Paul Mensink for collaborating with the Don Wright Faculty of Music and SASAH to showcase cutting-edge virtual reality technology combined with live music.

Thank you to all of my colleagues (Faculty, Staff and students) at the Don Wright Faculty of Music for their involvement with every aspect of making this event possible and for being patient to answer my many questions!

Thank you to Dr. Aara Suksi and Dr. Christine Sprengler for supporting the students of the

School of Advanced Studies in Arts and Humanities who took part in tonight's event.

Thank you to Dr. Erin Huner, Director of Ivey Business School's Culture and Inclusion for supporting this event

Thank you to our guest artists - Dr Lucy Jones, Yvonne Lam, Annemarie Moorcro`, Mischa Meyer, and Zachary Mowitz- who made time in their busy lives to travel to London to share their expertise and joy of music-making.

Thank you to my family, Scott, and Julia St John for their months of patience as I discussed Tornadoes, climate and music on repeat as this event came to life.

Northern Tornadoes Project

