

→ PARTICIPANTS (members of the ACTOR Project)

- **Guillaume Bourgogne** (Conductor, Schulich School of Music of McGill University)
- **Carmine Emanuele Cella** (Composer and Researcher, Center for New Music and Audio Technologies [CNMAT], University of California, Berkeley)
- **Philippe Esling** (Computer Scientist, Sorbonne Université-STMS, ACTOR Axis Leader)
- **Robert Hasegawa** (Music Theorist, Schulich School of Music of McGill University, ACTOR Associate Project Director)
- **Jean-Michaël Lavoie** (Conductor, Université de Montréal)
- **Stephen McAdams** (Music Psychologist, Schulich School of Music of McGill University, ACTOR Project Director)
- **Yan Maresz** (Composer, Conservatoire national supérieur de musique et de danse de Paris)
- **Pierre Michel** (Musicologist, Groupe de recherches expérimentales sur l'acte musical [GREAM], Université de Strasbourg)
- **Luis Naón** (Composer, Conservatoire national supérieur de musique et de danse de Paris and Haute École de musique de Genève)

IRCAM

Institute for Research and Coordination in Acoustics/Music

IRCAM, the Institute for Research and Coordination in Acoustics/Music directed by Frank Madlener, is one of the world's largest public research centers dedicated to both musical expression and scientific research. This unique location where artistic sensibilities collide with scientific and technological innovation brings together over 160 collaborators. Founded by Pierre Boulez, IRCAM is associated with the Centre Pompidou, under the tutelage of the French Ministry of Culture. The mixed STMS research lab (Sciences and Technologies for Music and Sound), housed by IRCAM, also benefits from the support of the CNRS and Sorbonne University.



Season 18-19

Orchestration and the ACTOR Project

Workshop

-

June 22, 11 a.m. - 6 p.m.

IRCAM | Free entry, limited seats available.

This one-day workshop explores the future of orchestration as an art form, research discipline, and space for development of new computer tools. The ACTOR project is an interdisciplinary collaboration involving over 20 academic, industrial, and artistic organizations working together to develop a 21st century approach to orchestration. The morning sessions will present the three pillars of ACTOR (perceptual, technological, and analytical/creative) through scientific and musicological presentations.

The afternoon sessions will include hands-on workshops with cutting-edge computer-assisted orchestration software Orchidea, and discussions on orchestration with renowned composers, conductors, and musicologists.

More information: www.actorproject.org



ANALYSIS,
CREATION +
TEACHING OF
ORCHESTRATION



Social Sciences and Humanities
Research Council of Canada

Canada



McGill

Schulich School of Music
École de musique Schulich

Season 18-19

PROGRAM

MORNING SESSIONS | SALLE STRAVINSKY

What is the ACTOR Partnership? | 11 a.m. - 11.15 a.m.

Stephen McAdams

Three Pillars of ACTOR | 11.15 a.m. - 12 p.m.

- Perceptual (Stephen McAdams)
- Technological (Philippe Esling)
- Analytical/Creative (Robert Hasegawa)

Video on the Recording Project ODESSA | noon - 12.20 p.m.

The ODESSA project (Orchestral Distribution Effects in Sound, Space and Acoustics) will be introduced by Stephen McAdams.

www.actorproject.org/odessa

Video on the Computer-Aided Orchestration Project ORVEO | 12.20 p.m. - 12.30 p.m.

The ORVEO project (Orchestration : entre réel et virtuel, enjeux et outils pour l'aide à l'orchestration) will be introduced by Luis Naón.

www.hesge.ch/hem/productions_artistiques/galerie/video-films-recherche/orveo-projet-recherche

General Q&A Session | 12.30 p.m. - 1 p.m.

AFTERNOON SESSIONS

SALLE STRAVINSKY | Compositional, Performance and Analytic Approaches to Orchestration

Compositional Approaches | 2.30 p.m. - 3 p.m.

Yan Maresz

Computer Assisted Orchestration | 3 p.m. - 3.30 p.m.

Carmine Emanuele Cella

Orchestration from the Conductor's Podium | 3.40 p.m. - 4.10 p.m.

Jean-Michaël Lavoie & Guillaume Bourgogne, round table moderated by Robert Hasegawa.

Musicological and Analytical Approaches | 4.10 p.m. - 4.40 p.m.

Pierre Michel

General Discussion with all Participants | 5 p.m. - 6 p.m.

SALLE NONO | Hands-On Sessions with the Orchidea Computer-Aided Orchestration Environment

Session 1 | 2.30 p.m. - 3.30 p.m.

Philippe Esling

Session 2 | 3.40 p.m. - 4.40 p.m.

Philippe Esling