

# ImproTech Paris-Philly



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**WORKSHOP - FESTIVAL : Dec. 11-13 2017**

U. Penn — Drexel — Annenberg Center - The Rotunda

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# ImproTech Paris-Philly 2017

## Evening Concert, Dec. 11th, 8pm

**Prince Theater, Annenberg Center for the Performing arts** 3680 Walnut St,  
Philadelphia, PA 19104

LaDonna Smith, Susan Alcorn, Miya Masaoka (violin / viola, pedal steel, one-string koto, electronics)

Roscoe Mitchell + Bob Ostertag (reeds, sampler)

David Rosenboom (piano, spatialization system, computer interaction) : *The Right Measure of Opposites*

Steve Lehman + Hprizm (saxophone, voice, electronics)

Bernard Lubat + Marc Chemillier & Gérard Assayag (piano / voice, Omax/ImproteK agents)

Bob Ostertag (Gamepad and Aalto)

Mari Kimura, György Kurtág Jr, Pierre Couprie (violin, synths, computer interaction)

Hatchers aka Michael Barker, Brian Osborne (electronics, drumset)

Farid Barron (piano)

**Tickets available** from the [Annenberg Center Live box office](#)

**free** admission for students with ID

## Evening Concert, Dec. 13th, 8pm

**The Rotunda** 4014 Walnut Street, Philadelphia, PA 19104

KEROAÄN (machine agents)

Moor Mother, Madam Data, Mental Jewelry (voice, clarinet & electronics)

Dafna Naphtali, Matthew Clayton (voice & live-processing, saxophone)

Sarah Belle Reid, Ashley Tini (trumpet & live electronics, vibraphone)

Rémi Fox, Georges Bloch, Jérôme Nika (Saxophone, ImproteK system)

Max Eilbacher (electronics)

Charles Kely Zana-Rotsy, Marc Chemillier (guitar, djazz system)

Bhob Rainey (electronics)

Lance Simmons, Ada Babar (electronics, prepared guitar)

Adam Vidiksis (floor tom, computer processing): *Hyperdyne*

John Mallia (percussion & electronics): *Husk, with Aura*

Scott Deal (vibraphone & electronics): *Goldstream Variations*

**free** admission for all

# ImproTech Workshop, Dec. 11th Morning

*Drexel University ExCITE Center, 3401 Market St*

**Theme : Instruments, spaces, bodies**

09:30

**Presentation of the ExCITE Center and the MET-lab at Drexel University**

Youngmoo Kim (Drexel University)

**Augmentation of Acoustic Drums using Electromagnetic Actuation and Wireless Control**

Jeff Gregorio (Drexel University)

10:15

**ONE and John: Oriented Improvisation**

10:45

**Coffee Break**

11:15

**The Djazz project: Jazz machines and Anthropology**

Marc Chemillier (EHESS)

11:45

**Smart Acoustic Instruments: From Early Research to HyVibe**

Adrien Mamou-Mani (HyVibe)

12:15

**Revolutionizing the Tradition: Extracting Human Expression using Motion Sensor for Music**

Mari Kimura (UC Irvine)

**12:45 Lunch Break**

# **ImproTech Workshop, Dec. 11th Afternoon**

*U. Penn, Lerner Center, Rm 101, 201 S 34th St*

**Theme : Instruments, spaces, bodies**

**15:30**

## **MIGSI: The Minimally Invasive Gesture Sensing Interface for Trumpet**

Sarah Reid (CalArts)

**16:00**

## **Improvising with Ensemble Feedback Instruments and First-order Cybernetic Followers**

Matt Wright (CCRMA, Stanford University)

**16:30**

## **Ableton Live, Machine + Intelligence for Music Production and Performance**

Adriano Clemente

**17:00 End of Dec. 11 sessions**

# **ImproTech Workshop, Dec. 12th Morning**

*U. Penn, Fisher-Bennett Hall, 419 Rose Hall, 3340 Walnut St*

**Theme : Composition, Notation, Synthesis, Form**

**09:30**

**Keynote presentation by Bob Ostertag**

**10:15**

**Recent Trends in Pulse-Based Improvisation, Rhythm Cognition, and some Potential Applications for Interactive Design**

Steve Lehman (CalArts)

**10:45**

**100 Strange Sounds: Practice on Electroacoustic Improvisation**

Joo Won Park (Wayne State U.)

**11:15**

**Coffee Break**

**11:45**

**Portable Gold and Philosophers' Stones (Deviant Resonances)**

David Rosenboom (CalArts)

**12:15**

**Improvising in Imaginary Spaces**

Dmitri Tymoczko with Rudresh Mahantappa

**12:45 Lunch Break**

# ImproTech Workshop, Dec. 12th Afternoon

*U. Penn, Fisher-Bennett Hall, 419 Rose Hall, 3340 Walnut St*

**Theme : Composition, Notation, Synthesis, Form**

**15:00**

**Talkback: Human and Computer Improvisation through a  
Live-Trained Machine Learning Model**

Flannery Cunningham (UPenn)

**15:30**

**Drop for bassoon and electronics**

Katarina Miljkovic and Chris Watford

**16:00**

**Break, Venue Change**

# **ImproTech Events at ICA, dec. 12th**

*ICA 18 S 36th St*

## **Round table, presentations, performances**

**16:30**

### **Round Table : David Wessel Legacy**

"The Figure of the Researcher / Musician" with Roscoe Mitchell, Matt Wright, Marc Chemillier, George Bloch

**17:45**

### **Presentations/performances**

#### **Coughing is a Form of Love**

Joseph Pfender & Melanie Farley

#### **Generative patches for Modular and Semi-Modular Synthesizers**

Sandy James (Temple U.)

#### **Density Function**

Adam Vidiksis + BEEP (Temple U.)

**18:30 - 20:30 Reception for Improtech participants**

# ImproTech Workshop, Dec. 13th Morning

*U. Penn, Fisher-Bennett Hall, 419 Rose Hall, 3340 Walnut St*

**Theme : (Artificial) Creative Intelligences**

**09:30**

## **Keynote presentation by David Rosenboom (CalArts)**

Deviant Resonances — Listening to Evolution

**10:15**

## **Matmos, improvisation and technologies from 1997 to the present**

Matmos

**10:45**

## **Coffee Break**

**11:15**

## **NYU Music Technology Group presentation**

**The NYU Music Technology and Composition Programs**

Tae Hong Park

**Introduction to Citygram**

Tae Hong Park

**Group Listening**

Leo Chang

**Computer-Systems for Group Improvisation**

Mohamed Kubbara

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Oliver Hickman

**DITLork – Do-It-Together Laptop Orchestra:**

Erich Borganier

## **12:45 Lunch Break**



# ImproTech Workshop, Dec. 13th Afternoon

*U. Penn, Fisher-Bennett Hall, 419 Rose Hall, 3340 Walnut St*

## Theme : (Artificial) Creative Intelligences

14:00

### Renseelaer Polytechnic Institute Research, group presentation

**Sound and Algorithmic Environments for Improvisation**

Matthew Goodheart (Rensselaer Poly. Inst.)

**Intelligent Music Agents capable of joint intuitive and rational thinking**

Jonas Braasch (RPI)

**Mediation between Musicians and Code with Neural Networks**

Jeremy Stewart (RPI)

**Live Scoring for Computer Assisted Composition**

Justin Yang (RPI)

15:30

### Coffee Break

16:00

### The DYCI2 project: Creative Dynamics of Improvised Interaction

**Performance: human-computer co-improvisation**

Rémi Fox (Saxophone), Jérôme Nika (Ircam)

**Merging free, reactive, and scenario-based features in human-computer co-improvisation.**

Jérôme Nika (Ircam)

**Multi-dimensional and Multi-scale learning of music structure for machine improvisation**

Ken Deguernel (Inria Nancy)

17:00

### The KEROAÄN collaborative research project

IAN M FRASER and REED EVAN ROSENBERG

17:30

### Body/Environment couplings through sound and light

Mina Zarfsaz

**18:00 End of Dec. 13 sessions**