

# LAC-19 Program

Saturday, March 23 — Scientific Track			
Time	What	Who	Where
8:30 AM	Conference Registration		Dinkelspiel Lobby
9:00 AM - 9:30 AM	Opening Ceremony		Dinkelspiel Auditorium
<b>Paper Session I (Chair: Yann Orlarey)</b>			
09:30 AM - 10:00 AM	Creating a Sonified Spacecraft Game using HappyBrackets and Stellarium	Angelo Fraietta, and Ollie Bown	Dinkelspiel Auditorium
10:00 AM - 10:30 AM	Browser-Based Sonification	Chris Chafe	Dinkelspiel Auditorium
10:30 AM - 11:00 AM	Sequoia: A Library for Generative Musical Sequencers	Chris Chronopoulos	Dinkelspiel Auditorium
11:00 AM - 11:30 AM	Coffee Break		
<b>Paper Session II (Chair: Chris Chafe)</b>			
11:30 AM - 12:00 PM	A JACK Sound Server Backend to Synchronize to an IEEE1722 AVTP Mediaclock Stream	Christoph Kuhr, and Alexander Carôt	Dinkelspiel Auditorium
12:00 PM - 12:30 PM	Tpf-tools - a Multi-Instance JackTrip Clone	Roman Haefeli, Johannes Schütt, and Patrick Müller	Dinkelspiel Auditorium
12:30 PM - 01:00 PM	A Cross-Platform Development Toolchain for JIT-compilation in Multimedia Software	Jean-Michaël Celerier	Dinkelspiel Auditorium
<b>Lunch Break + Demos</b>			
01:00 PM - 02:30 PM	Cross-environment Audio Programming with Haxe	Thomas Webb	Dinkelspiel Lobby
01:00 PM - 02:30 PM	Unsichtbares Klavier (Invisible Piano)	Remmy Canedo	Dinkelspiel Lobby
01:00 PM - 02:30 PM	Norns (Many Sound Instruments)	Brian Crabtree	Dinkelspiel Lobby
<b>Workshop I</b>			
02:30 PM - 04:30 PM	Creative Coding with SuperCollider Workshop <i>Note: Workshop participants are encouraged to bring their own headphones.</i>	Bruno Ruviaro	Dinkelspiel Auditorium

**Saturday, March 23 — Artistic Track**

<b>Time</b>	<b>What</b>	<b>Who</b>	<b>Where</b>
<b>Installation I</b>			
<b>10:00 AM - 06:00 PM</b>	SENSORIUM	Rafał Zapala	CCRMA Listening Room
<b>10:00 AM - 06:00 PM</b>	"Trapped" Gamified Sonic Interaction	Patrick Hartono	CCRMA Recording Studio
<b>Concert I</b>			
<b>06:00 PM - 07:00 PM</b>	When The Curtain Opens	Jia Li	CCRMA Stage
<b>06:00 PM - 07:00 PM</b>	SCLOrk (Santa Clara Laptop Orchestra)		CCRMA Stage
<b>06:00 PM - 07:00 PM</b>	Fluorescent Nights	Brandon Hale	CCRMA Stage
<b>Concert II</b>			
<b>08:00 PM - 09:00 PM</b>	Void	Vilbjørg Broch	CCRMA Stage
<b>08:00 PM - 09:00 PM</b>	Ad Inifinitum	Georg Boenn	CCRMA Stage
<b>08:00 PM - 09:00 PM</b>	The Last Groove	Henrik von Coler	CCRMA Stage
<b>08:00 PM - 09:00 PM</b>	IDE Fantasy	Iannis Zannos, Natalie Mandila, Tasos Pappas-Petridis, Anastasios Pappas Petridis, and Nikos Charalambidis	CCRMA Stage

<b>Sunday, March 24 — Scientific Track</b>			
<b>Time</b>	<b>What</b>	<b>Who</b>	<b>Where</b>
<b>Paper Session III (Chair: Albert Gräf)</b>			
<b>09:00 AM - 09:30 AM</b>	Bringing the GRAIL to the CCRMA Stage	Fernando Lopez-Lezcano, and Christopher Jette	Dinkelspiel Auditorium
<b>09:30 AM - 10:00 AM</b>	Rendering of Heterogeneous Spatial Audio Scenes	Nicolas Bouillot, Michał Seta, Émile Ouellet-Delorme, Zack Settel, and Emmanuel Durand	Dinkelspiel Auditorium
<b>10:00 AM - 10:30 AM</b>	A Jack-Based Application for Spectro-Spatial Additive Synthesis	Henrik von Coler	Dinkelspiel Auditorium
<b>10:30 AM - 11:00 AM</b>	Coffee Break		
<b>Paper Session IV (Chair: Julius O. Smith)</b>			
<b>11:00 AM - 11:30 AM</b>	GPU-Accelerated Modal Processors and Digital Waveguides	Travis Skare, and Jonathan Abel	Dinkelspiel Auditorium
<b>11:30 AM - 12:00 PM</b>	CPU Consumption for AM/FM Audio Effects	Antonio Goulart, Marcelo Queiroz, Joseph Timoney, and Victor Lazzarini	Dinkelspiel Auditorium
<b>12:00 PM - 12:30 PM</b>	Formalizing Mass-Interaction Physical Modeling in Faust	James Leonard, Jérôme Villeneuve, Romain Michon, Yann Orlarey, and Stéphane Letz	Dinkelspiel Auditorium
<b>12:30 AM - 01:00 PM</b>	Are Praat's Default Settings Optimal for Infant Cry Analysis?	Giulio Gabrieli, Wan Qing Leck, Andrea Bizzego, and Gianluca Esposito	Dinkelspiel Auditorium
<b>Lunch Break + Posters</b>			
<b>1:00 PM - 02:30 PM</b>	Switching "Le SCRIME" Over to Linux as a Complete Novice	Thibaud Keller, and Jean Michaël Celerier	Dinkelspiel Lobby
<b>1:00 PM - 02:30 PM</b>	Bipscript: A Domain-Specific Scripting Language for Interactive Music	John Hammen	Dinkelspiel Lobby
<b>1:00 PM - 02:30 PM</b>	SoundPrism: A Real-Time Sound Analysis Server and Dashboard	Michael Simpson	Dinkelspiel Lobby
<b>Workshop II</b>			
<b>02:30 PM - 04:30 PM</b>	Creating Interactive Compositions on Raspberry Pi with HappyBrackets	Angelo Fraietta	CCRMA Classroom

**Sunday, March 24 — Artistic Track**

<b>Time</b>	<b>What</b>	<b>Who</b>	<b>Where</b>
<b>Installation II</b>			
<b>10:00 AM - 06:00 PM</b>	Re-Sounding Wild	Chase Mitchusson	CCRMA
<b>10:00 AM - 06:00 PM</b>	Out Of This World Advice	Emma Lefley, Colin Sullivan	CCRMA Recording Studio
<b>Concert III</b>			
<b>06:00 PM - 07:00 PM</b>	Notoligotoma hardyi	Bruno Ruviano, Dustin Donahue, Janice Edgerly-Rooks	CCRMA Stage
<b>06:00 PM - 07:00 PM</b>	Impressioni	Massimo Fragalà	CCRMA Stage
<b>06:00 PM - 07:00 PM</b>	Episodes of Opposition, for Unsichtbares Klavier (invisible piano) and live electronics	Remmy Canedo	CCRMA Stage
<b>06:00 PM - 07:00 PM</b>	66.02N22.06S	Christopher Jette	CCRMA Stage
<b>06:00 PM - 07:00 PM</b>	inMemory[sound-ritual]	Stevie Sutanto	CCRMA Stage
<b>Concert IV</b>			
<b>08:00 PM - 09:00 PM</b>	Brain Orchestra	Ryo Yumoto, Kenta Tanaka, Reo Anzai, Makoto Amano, Shoya Maruyama	CCRMA Stage
<b>08:00 PM - 09:00 PM</b>	Gneiss, for Almglocken, Geduk, Computer and 8 Speakers	Ainolnaim Azizol	CCRMA Stage
<b>08:00 PM - 09:00 PM</b>	Pia[NOT] Etude	Fernando Lopez-Lezcano	CCRMA Stage
<b>08:00 PM - 09:00 PM</b>	Fadeferra	Michal Seta	CCRMA Stage

**Monday, March 25 — Scientific Track**

<b>Time</b>	<b>What</b>	<b>Who</b>	<b>Where</b>
<b>Paper Session V</b>			
<b>09:00 AM - 09:30 AM</b>	Isochronous Control + Audio Streams for Acoustic Interfaces	Max Neupert, and Clemens Wegener	Dinkelspiel Auditorium
<b>09:30 AM - 10:00 AM</b>	Game lan: Co-Designing and Co-Creating an Orchestra of Digital Musical Instruments Within the Fab Lab Network	Alexandros Kontogeorgakopoulos, and Olivia Kotsifa	Dinkelspiel Auditorium
<b>10:00 AM - 10:30 AM</b>	Finding Shimi's Voice: Fostering Human-Robot Communication With Music And a NVIDIA Jetson TX2	Richard Savery, Ryan Rose, and Gil Weinberg	Dinkelspiel Auditorium
<b>10:30 AM - 11:00 AM</b>	Coffee Break		
<b>Paper Session VI</b>			
<b>11:00 AM - 11:30 AM</b>	A Scalable Haptic Floor Dedicated to Large Immersive Spaces	Nicolas Bouillot, and Michał Seta	Dinkelspiel Auditorium
<b>11:30 AM - 12:00 PM</b>	midizap: Controlling Multimedia Applications with MIDI	Albert Gräf	Dinkelspiel Auditorium
<b>12:00 PM - 12:30 PM</b>	sc-hacks: A Live Coding Framework for Gestural Performance and Electronic Music	Ioannis Zannos	Dinkelspiel Auditorium
<b>Lunch Break + Demos</b>			
<b>12:30 PM - 02:00 PM</b>	Jacktrip on Raspberry Pi	Chris Chafe, and Scott Oshiro	Dinkelspiel Lobby
<b>12:30 PM - 02:00 PM</b>	Karya - Music Sequencer or Language or Score	Evan Laforge	Dinkelspiel Lobby
<b>12:30 PM - 02:00 PM</b>	Neural Nets for Music and Acoustics	David Goedicke	Dinkelspiel Lobby
<b>Workshop III</b>			
<b>02:00 PM - 04:00 PM</b>	Qstuff* Forever	Rui Nuno Capela	Dinkelspiel Auditorium
<b>04:15 PM - 05:30 PM</b>	<b>Presentation of LAC-2020 By Jean-Michaël Celerier &amp; Round Table: "What's the Future of LAC?"</b>		Dinkelspiel Auditorium

Monday, March 25 — Artistic Track			
Time	What	Who	Where
<b>Installation III</b>			
10:00 AM - 06:00 PM	Algorithmic Urban Composition	Kenta Tanaka, Kye Shimizu	CCRMA Listening Room
10:00 AM - 06:00 PM	Embodied Sonic Meditation: Resonance of the Heart	Jiayue Cecilia Wu, Donghao Ren	CCRMA Classroom
10:00 AM - 06:00 PM	Gendhing Cosmic	Jay Afrisando	CCRMA Stage
<b>Club Night + BBQ (starting at 07:00 PM)</b>			
08:00 PM - 10:00 PM	Procedural Abstract Expressionism set to music	Mayank Sanganeria	CCRMA Courtyard or Braun Rehearsal Hall
08:00 PM - 10:00 PM	Radioperas	Aitor Arronte	CCRMA Courtyard or Braun Rehearsal Hall
08:00 PM - 10:00 PM	fiestaPirata.com	RGTRN (Luis N. del Angel, Emilio Ocelotl, Marianne Teixido, Jessica A. Rodríguez)	CCRMA Courtyard or Braun Rehearsal Hall
08:00 PM - 10:00 PM	1)3√1532	David Runge	CCRMA Courtyard or Braun Rehearsal Hall

Tuesday, March 26			
Time	What	Who	Where
<b>Workshop IV</b>			
09:00 AM - 11:00 AM	JUCE Ambisonic Workshop	Gabriel Zalles	CCRMA Stage
11:30 AM - 12:30 PM	<b>Keynote by Fernando Lopez-Lezcano - Dinkelspiel Auditorium</b>		
12:30 AM - 01:00 PM	<b>Closing Ceremony - Dinkelspiel Auditorium</b>		
02:00 PM - 06:00 PM	<b>Historical Tour of CCRMA and Dish Walk</b>		

## WiFi info

In *Dinkelspiel Auditorium* and *Braun Rehearsal Hall* (or pretty much anywhere on the Stanford campus) we recommend **Eduroam** if you have an account at an institution that participates in Eduroam, or else **Stanford Visitor** ("short-term sessions; limited bandwidth; ports limited to email, web browsing, VPN, and SSH; not part of Stanford University IP space").

At *CCRMA*, use either **CCRMA** or **CCRMA-5G** network then log in with user **karma** and pw **happyping!** to the CCRMA GuestNet Portal. For more info on Ping see <https://ccrma.stanford.edu/~nando/ping>