

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
Paper Session I (Chair: Yann Orlarey)			
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		
Paper Session II (Chair: Chris Chafe)			
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
Lunch Break + Demos			
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
Workshop I			
02:30 PM - 04:30 PM	Creative Coding with SuperCollider Workshop <i>Note: Workshop participants are encouraged to bring their own headphones.</i>	Bruno Ruviano	Dinkelspiel Auditorium

Saturday, March 23 — Artistic Track

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

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

Sunday, March 24 — Artistic Track

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

Monday, March 25 — Scientific Track

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

Monday, March 25 — Artistic Track			
Time	What	Who	Where
Installation III			
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
Club Night + BBQ (starting at 07:00 PM)			
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
Workshop IV			
09:00 AM - 11:00 AM	JUCE Ambisonic Workshop	Gabriel Zalles	CCRMA Stage
11:30 AM - 12:30 PM	Keynote by Fernando Lopez-Lezcano - Dinkelspiel Auditorium		
12:30 AM - 01:00 PM	Closing Ceremony - Dinkelspiel Auditorium		
02:00 PM - 06:00 PM	Historical Tour of CCRMA and Dish Walk>		

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>