

UC San Diego

CONTEXTUAL ROBOTICS INSTITUTE

HEALTHCARE ROBOTICS

NOVEMBER 8 AT UC SAN DIEGO

Presented by

Jacobs School of Engineering
Division of Social Sciences
Qualcomm Institute at UC San Diego

co-sponsored by



7:30 AM	REGISTRATION + CONTINENTAL BREAKFAST	
8:30 AM	WELCOME REMARKS	
	<p>Henrik Christensen Director, Contextual Robotics Institute</p> <p>Albert P. Pisano Dean, Jacobs School of Engineering</p>	<p>Carol Padden Dean, Division of Social Sciences</p>
9:00 AM	REHABILITATION, SENSORY AND PHYSICAL AUGMENTATION	
	<p>M. Bernardine Dias Owner, Diyunu Consulting</p> <p>Allison Okamura Director, Collaborative Haptics and Robotics in Medicine Lab Stanford University</p>	<p>Michelle Johnson Director, Rehabilitation Robotics Lab University of Pennsylvania</p> <p>Lena Ting Director, Neuromechanics Lab Georgia Tech and Emory University School of Medicine</p>
10:15 AM	NETWORKING BREAK	
10:40 AM	CHANCELLOR PRADEEP K. KHOSLA REMARKS	
10:45 AM	COGNITIVE AND THERAPEUTIC APPROACHES	
	<p>Laurel Riek Director, Healthcare Robotics Lab, UC San Diego</p> <p>Virginia de Sa Director, de Sa Lab, UC San Diego</p>	<p>Cynthia Breazeal Director, Personal Robotics Group, MIT Media Lab Massachusetts Institute of Technology</p>
NOON	LUNCH + TECHNOLOGY SHOWCASE (90MIN)	
1:30 PM	SURGICAL ROBOTICS	
	<p>Santiago Horgan Director, Center for the Future of Surgery UC San Diego School of Medicine</p> <p>Gregory Hager Director, Computational Interaction and Robotics Laboratory Johns Hopkins University</p>	<p>Michael Yip Director, Advanced Robotics and Controls Lab UC San Diego</p> <p>Tania Morimoto Director, Morimoto Lab UC San Diego</p>
2:45 PM	NETWORKING BREAK	
3:15 PM	INDUSTRY AND GOVERNMENT PANEL	
	<p>Cory Kidd CEO, Catalia Health</p> <p>Simon DiMaio Director of Research Intuitive</p>	<p>Andrea Thomaz University of Texas at Austin CEO, Diligent Robotics</p> <p>Karim Arabi CEO Atlazo, incubating at EvoNexus</p>

4:30 – 5:30 PM RECEPTION AND TECHNOLOGY SHOWCASE

Institute for the Global Entrepreneur	Dennis Abremski and Marie Christensen
Existential Robotics Lab	Nikolay Atanasov Electrical & Computer Engineering
Cross-Platform Educational Robotics	Tom Bewley Mechanical & Aerospace Engineering
Social Cognitive Robotics: RUBI and iRat	Andrea Chiba Department of Cognitive Science
Smart Home, Autonomous Driving Polaris Golf Carts, TritonBot (Tour Guide)	Henrik Christensen Contextual Robotics Institute Computer Science & Engineering
Projects from de Sa Lab	Virginia de Sa Department of Cognitive Science
Extended Reality lab - XRLab	Shlomo Dubnov, Jeffrey Sandubrae Department of Music, CSE, Qualcomm Institute
Automation in Mobility and Healthcare	Colleen Emmenegger and Eli Spencer UC San Diego Design Lab
Predictive Vision	Todd Hylton Contextual Robotics Institute Electrical & Computer Engineering
Underwater Localization for Marine Robotics	Ryan Kastner Computer Science & Engineering
UCSD DroneLab & Cultural Heritage Engineering Initiative	Falko Kuester and Dominique Rissolo Qualcomm Institute, CSE, Structural Engineering
Automatic Photo Stacking	Scott McAvoy, John Graham Digital Media Lab, Geisel Library
Healthcare Robotics	Laurel Riek Computer Science & Engineering
Affordable Smart Wheelchair + Introduction to Autonomous Vehicles	Jack Silberman Mechanical & Aerospace Engineering Electrical & Computer Engineering
Bioinspired Robotics and Design Lab	Mike Tolley Mechanical & Aerospace Engineering
Laboratory for Nanobioelectronics	Joseph Wang NanoEngineering
Smart Home	Nadir Weibel Computer Science & Engineering
Advanced Robotics and Controls Lab	Michael Yip Electrical & Computer Engineering
Beauty, Intelligence, and Other Traits Are in the AI of the Beholder	Angela J. Yu Department of Cognitive Science

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