Faculty

Marvin Andujar, Assistant Professor, brain-computer interfaces, drones.
Shaun Canavan, Assistant Professor, computer vision, affective computing.
Sriram Chellappan, Associate Professor, socio-technical systems.
Ken Christensen, Professor and Associate Chair of Undergraduate Affairs, energy efficient networks.
Suey-Chun (Roger) Fang, Instructor II, data modeling and information systems.
Alessio Gaspar, Associate Professor, evolutionary algorithms and education research.
Dmitry Goldgof, Professor and Vice Chair, medical image analysis and computer vision.
Lawrence Hall, Distinguished University Professor, intelligent systems and data mining, AI.
William Hendrix III, Instructor and CSI/CpE Program Coordinator, graph algorithms and parallel computing.
Isabela Hidalgo, Instructor I, human-computer interaction.
Adriana Iamnitchi, Professor, distributed systems and computational sociology, AI.
Henrick Jeanty, Instructor I, technical analysis algorithms.
Robert Karam, Assistant Professor, hardware security and reconfigurable computing.
Rangachar Kasturi, Douglas W. Hood Professor, computer vision and pattern recognition.
Srinivas Katkori, Associate Professor, low power VLSI synthesis.
Valentina Kozhova, Instructor I, computer vision.
Miguel Labrador, Professor and Associate Chair of Graduate Affairs, computer networks and ubiquitous sensing.
John Licato, Assistant Professor, computational modeling of cognitive reasoning, AI.
Jay Ligatti, Associate Professor, software security and programming languages.
Yao Liu, Assistant Professor, network security and wireless technologies.
Mehran Mozaffari Kermani, Assistant Professor, cryptographic engineering.
Xinxing (Simon) Ou, Associate Professor, cyber security and cyber physical systems.
Rafael Perez, Professor, artificial intelligence and neural networks.
Les Piegl, Professor, geometric modeling and computer graphics.
Paul Rosen, Assistant Professor, data visualization and computer graphics.
Sudeep Sarkar, Professor, Department Chair, and AVP for USF I-Corps Programs, computer vision and biometrics.
Schinmel Small, Instructor I and IT Program Coordinator, programming languages and visual analytics.
Yu Sun, Associate Professor, intelligent systems, robotics, cyber physical systems.
Ralph Tindell, Instructor I, mathematics and computer science.
YiCheng Tu, Associate Professor, database systems and multimedia systems.
Phil Ventura, Instructor II, pedagogy of object orientation.
Jing Wang, Instructor II, computer animation and K-12 outreach.
Alfredo Weitzenfeld, Professor, cognitive robotics and humanoid robots.
Yan Zhang, Instructor I, congestion control and energy optimization.
Hao Zheng, Associate Professor, system verification and validation.

Leadership

Sudeep Sarkar, Chair.
Dmitry Goldgof, Vice-Chair
Ken Christensen, Associate Chair of Undergraduate Affairs
Miguel Labrador, Associate Chair of Graduate Affairs

Advising

William Hendrix III, CSI/CpE Program Coordinator
Schinmel Small, IT Program Coordinator
John Morgan, Undergraduate Advisor

Staff

Laura Owczarek, Academic Services Administrator.
Gabriela Franco, Graduate Program Specialist
Lashanda Lightbourne, Undergraduate Program Specialist
Mayra Morfin, Undergraduate Program Specialist

The Bachelor of Science degree program in Computer Engineering is accredited by the Engineering Accreditation Commission of ABET.
www.abet.org

The Bachelor of Science degree program in Computer Science is accredited by the Computing Accreditation Commission of ABET.
www.abet.org

Connect with Us:
@cseUSF
@USFComputerScienceEngineering
www.usf.edu/engineering/cse
www.linkedin.com/groups/3977225
csechair@cse.usf.edu

USF UNIVERSITY OF SOUTH FLORIDA
www.usf.edu/engineering/cse
Recent Grants

S. Chellappan, "Human Behavior Assessment from Internet Images: Foundations, Applications, and Algorithms," NSF.


K. Christensen and R. Perez, "Collaborative Florida IT Pathways to Success," NSF.


D. Goldgof and L. Hall, "Radiomics of Lung Screening CT Images, "Moffit Cancer Center/NIH.


A. Iamnitchi, "CAREER: Socially-Aware Distributed Systems," NSF.


A. Iamnitchi and J. Skowroncz Jr., "BiDiDATA/ALF: Structural Anomaly Techniques for Large, Latency and Dynamic Social Graphs," NSF.

M. Labrador, "Extending Smart Home Technology for Cognitively Impaired Veterans to Delay Institutionalization," VA.

M. Labrador, "An REU Site on Ubiquitous Sensing," NSF.

M. Labrador, "1 Corp Teams: Travel Assistant Device," NSF.

J. Ligatti, "Practical Improvements to Network Security Infrastructure, "Impulse Point, LLC.


Y. Liu, "Broadband High-Power Reactive reramping Rafael Wireless Communication," Department of the Army.


Y. Liu, "CAREER: A Pathway to Virtual Channel Camouflage Wireless Security," NSF.


X. Ou, "CAREER: Reasoning under Uncertainty in Cybersecurity," NSF.


X. Ou, "TWC BBB.UP: Medium: Bridging Anthropology into Cybersecurity," NSF.

X. Ou, "Understanding and Quantifying the Impact of Moving Target Defense on Computer Networks," AFOSR.

R. Bonum and X. Ou, "Developing Full Spectrum Cybersecurity/Anthropological Capabilities for the U.S. Army Reserve," NSA.

Q. Zhang, X. Ou et al., "CRISP Type 2: Integrative Decision Making Framework to Securitize the Decolonization of Interdependent Critical Infrastructures," NSF.

P. Rosen, "CF21 DIBs STORa: Spatio-Temporal Online Reasoning and Management of Large Data," University of Utah/NSF.

P. Rosen, "Kill Medium Collaborative Research: Topological Data Analysis for Large Network Visualization," University of Utah/NSF.

P. Rosen, "Managing and Operation of the National Radio and Astronomy Observatory FY 2010-2016," University of Utah/NSF.

P. Sanberg, S. Sarkar, M. Fountain, and V. McDowell, "5-Corp Site at University of South Florida: Catalyzing Research Translation," NSF.

S. Sarkar, "Ornithology Based Perceptual Organization of Audio-Video Events Using Pattern Theory," NSF.

S. Sarkar, "Body-Worn Camera Video Analysis for Law Enforcement Assistance," NSF.

S. Sarkar and M. Labrador, "Active Authentication Using User Activity Data Collected Using Carmphones, TAPARMII.

Y. Sun, "EAGER: Characterizing Physical Interaction in Instrument Manipulations," NSF.

Y. Bao, "RI: Small: Functional Object-Oriented Network for Manipulation Learning," NSF.

Y. Tu, "CAREER: Enabling high-throughput data management in scientific domains," NSF.

Y. Tu, "Graphics Processing Unit-Based Data Management System Software," NSF.


A. Weizfelder, "RI: Medium: Collaborative Experimental and Robotics Investigations of Multi-Scale Spatial Memory Consolidation in Complex Environments," NSF.