

THE CENTER FOR ADVANCED COMPUTER STUDIES

at

the University of Louisiana at Lafayette

Lafayette, Louisiana

Proudly announces a presentation

Team Phoenix

FIRST LEGO League (FLL) Youth Robotics Team

Mentored at the Center for Innovative Learning and Assessment Technologies

University of Louisiana at Lafayette

Dr. Douglas Williams

Co-coach of Team Phoenix

Director of Center for Innovation Learning and Assessment Technologies (CILAT)

Professor of Educational Technology in the College of Education

University of Louisiana at Lafayette

Ms. Anne Zappi Williams

Co-coach of Team Phoenix

Private Practice Speech-Language Pathologist, Lafayette, LA

Adjunct Clinical Supervisor, Department of Communicative Disorders

University of Louisiana at Lafayette

will give a presentation entitled

Computer Science and Engineering Meets Creativity and Communication: Exploring FIRST LEGO League (FLL) as a Vehicle for STEM Education and Effective Discourse

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Abstract

This presentation will share how programs such as FLL provide opportunities for students, ages 9-16, to develop agency, critical thinking, communication, and collaborative problem solving skills in a fun, competitive environment. At its core, FLL is designed to teach children to apply science, technology, engineering, and math concepts (STEM), and their imagination to solve real-world problems. Each year, FLL releases a new thematic challenge that includes three parts: Core Values, Project, and Robot Game. Core Values emphasizes the value of teamwork, mentorship, engagement, sharing, professionalism, and friendly competition. The project requires teams to identify a specific problem, and develop and communicate an innovative solution that adds value to society. The robot game challenges teams to program a LEGO Mindstorms robot to autonomously complete missions within a 2.5 minute round. More than 255,000 students in 32,000 teams from 88 countries participate in FLL. These aspects of FLL will be illustrated as Team Phoenix shares aspects of Project and Robot Game.

DATE: FRIDAY, FEBRUARY 16, 2018

TIME: 11:00 A.M. - 12:00 NOON

LOCATION: OLVR, ROOM 112

Biography

Team Phoenix is a FIRST LEGO League (FLL) youth robotics team mentored at the Center for Innovative Learning and Assessment Technologies at UL Lafayette. Team Phoenix won numerous prestigious awards including 1st Place Champions Award in 2016 and 2017 at the Louisiana FLL Championship, Judges Award at the 2017 FIRST World Championship, and Runner Up in the 2017 FIRST LEGO League Global Innovation Award. Team Phoenix members include: Ben Chopin, Jacob Landreneau, Jack MacFadyen, Miguel Pagan, Aaron Williams, and Joseph Williams.

Douglas Williams, Ph.D. is co-coach of Team Phoenix and Director of Center for Innovation Learning and Assessment Technologies (CILAT) and professor of educational technology in the College of Education at UL Lafayette. He holds bachelor and masters degrees in computer science from the University of Louisiana at Lafayette. He completed a doctoral degree in Instructional Technology at the University of Texas at Austin. His research interests include STEM education and biomimicry education.

Anne Zappi Williams, MS, CCC-SLP, BCS-F is co-coach of Team Phoenix and works as a private practice speech-language pathologist in Lafayette, Louisiana, as well as an adjunct clinical supervisor in the Department of Communicative Disorders at UL Lafayette. Her research interests include clinical education, fluency disorders, and utilizing STEM education to improve outcomes for children with communication disorders.

Please announce to your classes.

February 9, 2018