On December 8, 2018 SDSU Georgia organizes a STEM ACADEMY in Tbilisi for 12th graders interested in Science, Technology, Engineering and Math (STEM) fields. The STEM Academy is designed to prepare students for success in the university studies and raise their awareness on STEM subjects. Through presentations, discussions and practical exercises, about current developments in science and engineering, biotechnology, physics, mathematics, STEM entrepreneurship and STEM careers, the US higher education system, you will have multiple opportunities to learn from and with SDSU faculty/administrators and fellow students. The lectures at the STEM Academy will be delivered in **English language**. *All participants will be awarded with a special certificate from SDSU.*

SDSU - Georgia STEM ACADEMY

Saturday, December 8, 2018
Venue: *GITA, Techpark, Okrokana, Tbilisi.*

A G E N D A

10:00 – 10:30	**Student Registration - Welcome Tea & Coffee**
10:30 – 10:45	**Opening remarks**

- Dr. Halil Guven, Dean, SDSU-Georgia
- MCC representative (tbc)
- MCA Georgia representative (tbc)
- GITA representative (tbc)

10:45 – 11:30 **Session 1**: **WHY STEM, SDSU Georgia Program Overview**
Dr. Halil Guven, Dean, SDSU-Georgia; Dr. Nugzar Davitashvili, Vice Dean, SDSU Georgia

11:30 – 12:00 **Session 2: Computer Science Activity**
Lecture by *SDSU Computer Science Professor, Dr. Tao Xie*

12:00 – 12:30 **Session 3: Civil Engineering Activity**
Dr. Michael Saunders, Assistant Vice Dean, Professor of Civil Engineering

12:30 – 13:00 **Session 4: Tools for Survival Activity**
Communications Professor, Ms. Brianna Quintero

13:30 – 13:30 Q & A – About SDSU Georgia

13:30 – 14:30 **Lunch Break**
Tour of GITA (optional)

14:30 – 15:00 **Session 5: Career Development and Networking**
Ms. Brianna Quintero, Director of Career Development Center; Ms. Elizabeth Zaldastani Napier, International Advisor and Career Coach

15:00 – 16:40   **Session 6**: **SDSU-Georgia Student-led Sessions –** *Moderated by Konstantin Samoilov*
- Jeopardy Game
- Chemistry Experiments by SDSU Georgia Chem Club
- AI Club (Artificial Intelligence Club)

16:40 – 17:30   **Session 7**: **STEM Games: Robot Programming Competition**
SPHERO (Programmable robot) - Students will use smart phones to program robots to complete a simple maze.

17:30 – 18:00   **CERTIFICATE AWARD CEREMONY**