Grand Challenges Scholars Program Workshop
May 15-17, 2019
University POLITEHNICA of Bucharest

Cisco Company Overview

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Cisco at a Glance

- We build bridges between hope and possibility
- More than 200 acquisitions since 1993
- $49.3B FY18 Revenue
- 74,000 Employees
- 300,000 Partners
- More than 19,000 patents
- #1 or #2 in most market segments we serve
- 480 Offices Globally

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Cisco Corporate Social Responsibility

**Giving**
383 million in cash and in-kind contributions from Cisco and the Cisco Foundations

**Homelessness**
50 million to destination: Home to address Homelessness in the Bay Area

**Recognition**
#1 Barron’s most sustainable company’s list

**Digital Workforce**
1.87 million Cisco Networking Academy students enrolled worldwide in IT skills education

**GHG reduction**
45% reduction in Cisco Scope 1 and 2 GHG emissions worldwide since FY07

**People**
445+ million people positively impacted FY16-FY18
Celebrating 20 years of NetAcad @ University POLITEHNICA of Bucharest

NetAcad 20@UPB: > 5000 graduates

NetAcad@UPB: > 400 graduates/year

https://ccna.ro  https://netacad.com
Of the 14th engineering challenges of the 21st Century, which are most relevant for your company?

- **Advance Personalized Learning**
- **Secure Cyberspace**
  - Introduction to CyberSecurity
  - CyberSecurity Fundamentals
- **CCNA Security**
- **CCNA CyberOps**

### NAE’s Engineering Grand Challenges

- Make Solar Energy Economical
- Provide Energy From Fusion
- Develop Carbon Sequestration Methods
- Manage the Nitrogen Cycle
- Provide Access to Clean Water
- Restore and Improve Urban Infrastructure
- Advance Healthcare Informatics
- Engineer Better Medicines
- Reverse Engineer the Brain
- Prevent Nuclear Terror
- Secure Cyberspace
- Enhance Virtual Reality
- Advance Personalized Learning
- Engineer the Tools of Scientific Discovery
- National Academy of Engineering

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What challenges have you faced in hiring engineers ready to address these challenges?

• Huge demand versus availability of the skilled candidates
• Lack of appropriate training for the early-in-career

NAE’s Engineering Grand Challenges

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What are your expectations from the GCSP program?

How will your company support a GCSP Program in Romania and in the region?

Via the NetAcad program, offer the best-in-class training for the IT industry for the students and early-in-career

Do you envision introducing the GCSP certification as a differentiating feature during hiring?

For Cisco, certifications are key elements during hiring process... I consider GCSP an important competitive advantage for candidates.
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