

Vant for teknologi mot ekstremvær

PRIS. NTNU-studentene bak laget «Gislefoss Klimax» gikk av med seieren i Kongsberg Gruppens konkurranse Your Extreme. 83 lag deltok i denne konkurransen som er et samarbeid mellom Kongsberg og NTNU der studentene i løpet av 48 timer skal løse en oppgave. Denne gangen var temaet ekstremvær eksemplifisert gjennom en orkan som slår inn over Trondheim i oktober 2050.

I juryens begrunnelse heter det at dette var et «morsomt konsept med osmoseanlegg, strømgenerering og sikring av sjøvann inn i sentrum i en løsning. Elva stenges med demninger når stormen starter. Ferskvannet fra elva pumpes via membraner og osmotisk trykk inn i en pose som hever seg som en barriere mot havet og samtidig genererer strøm».

Vinnerne fikk et stipend på 30.000 kroner og reise til et av Kongsberg Gruppens kontorer for å møte noen av selskapets fremste ingeniører. TH

Vinnerne: Hovedpremien ble laget av «Gislefoss Klimax» bestående av Trine Remmen (2. år Petroleum engineering), Martin Helgheim (2. år Industrial economy & tech management), Knut Gulsvik (3. år Marine technology), Eyolf Svendsen (3. år Civil engineering) og Amalie Holt (3. år Petroleum engineering).



FOTO: OVE RONNY HARALDSEN



Courses in Systems Engineering spring 2015



System Architecture and Design

Course week: 5. - 9. January or
Course week: 23. - 27. March

This course includes an introduction to system architecture; the strategic role of architectures; an architecture metaphor; technology, business, and organizational trends that are increasing system complexity; and the importance of architecture to system integrators.

System Supportability and Logistics

Course week: 19. - 23. January

This module addresses logistics under the systems approach. It focuses on the identification and development of the logistics support elements required to ensure that a system satisfies its requirements throughout its operational life.

Project Management of Complex Systems

Course week: 12. - 16. January or
Course week: 9. - 13. February

A project is a temporary endeavor undertaken to create a unique product or service. Project management is the application of knowledge, skills, tools, and techniques accomplished through five linked processes for initiating, planning, executing, controlling, and closing work to meet a set of defined requirements.

Advanced Systems Architecting

Course week: 2. - 6. March

This course will covers; How does systems architecting fit in the organization and its processes? What are deliverables, responsibilities and activities of the system architect? How to elicit requirements? What methods, tools and techniques are available for the architect? How to harvest synergy? What is the role of software in complex systems? How to structure and manage documentation?