



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA



CONFERENZA

Energy at the turning point: facts and myths

prof. Sanjoy Banerjee

CITY UNIVERSITY OF NEW YORK (CUNY)

martedì 16 giugno 2009, ore 11

Aula A, Polo scientifico dei Rizzi
via delle Scienze 208, Udine

Responsabili scientifici

Prof. Alfredo Soldati
Dipartimento di Energetica e Macchine
soldati@uniud.it

Prof. Livio Clemente Piccinini
Direttore della Scuola Superiore
piccinini@uniud.it

Scuola Superiore dell'Università degli Studi di Udine

via Tomadini, n. 3/a
33100 Udine
tel. 0432.249630/2/4
fax 0432.249631
info.scuolasuperiore@uniud.it
www.scuolasuperiore.uniud.it



UNIVERSITÀ DEGLI STUDI DI UDINE
SCUOLA SUPERIORE DELL'UNIVERSITÀ
DEGLI STUDI DI UDINE
DIPARTIMENTO DI ENERGETICA E MACCHINE
DIPARTIMENTO DI SCIENZE
E TECNOLOGIE CHIMICHE



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Sanjoy Banerjee is CUNY Distinguished Professor of Chemical Engineering and Director of the newly-formed CUNY Energy Institute, headquartered at City College, City University of New York (CUNY). Till March 2008, Sanjoy Banerjee, was Professor Above-scale in the Chemical Engineering Dept., with joint appointments in Mechanical Engineering Dept. and the Bren School of Environmental Science, at UC Santa Barbara, where he had been since 1980. Prof. Banerjee served as Vice Chair of Chemical Engineering from 1982-84, Chair from 1984-90, and is considered to be largely responsible for bringing the UCSB Chemical Engineering Dept. into the top 10 in the country. Previously, he held appointments at UC Berkeley, McMaster University (Canada), and Atomic Energy of Canada (AECL) - ultimately serving as AECL's Acting Director of Applied Science. He is currently a member of the congressionally-mandated US Advisory Committee on Reactor Safeguards (ACRS). He also serves on the Reference Board of the Norwegian Govt.-Oil Industry Consortium for Oil-Gas Flow Assurance Project (FACE). Recent recognitions include: AIChE Donald Q. Kern Award for energy conversion, ASME Heat Transfer Memorial Award and ASME Melville Medal (ASME's highest literature award), ANS Technical Achievement Award, IChemE Danckwerts Lecturership, Mitsubishi Professor Tokyo University, Burgers Professor University of Delft, Dow-Sharma Professor University of Mumbai. Prof. Banerjee's main area of research has been on the behavior of systems far from equilibrium, including rapid phase transitions, turbulence and most recently nonlinear phenomena such as dendrite formation in electrochemical energy storage systems. Prof. Banerjee also helped to establish several companies based on research collaborations, amongst them Metaheuristics LLC (www.metah.com) which develops highly parallelizable software aimed at very large fluid/thermal simulations, Mindflash Technologies (www.mindflash.com) which applies artificial intelligence techniques to learning systems software, and Gas Reaction Technologies Inc. (www.grt-inc.com) which uses novel metal oxide catalysts to convert natural gas to a variety of liquid products, including gasoline and benzene/toluene/xylene. All these spinoffs are currently profitable

La S.V. è invitata alla conferenza
“Energy at the turning point: facts and myths”,
tenuta dal prof. Sanjoy Banerjee
della City University of New York (CUNY),
che si terrà, presso il Polo scientifico dei Rizzi,
martedì 16 giugno 2009, alle ore 11.

La conferenza sarà preceduta
da una breve introduzione del Magnifico Rettore
prof.ssa Cristiana Compagno.