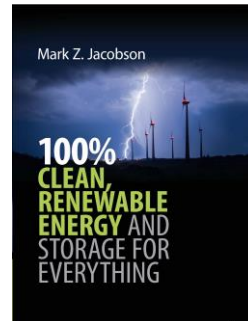


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Wednesday 30 MARCH 2022 | 14.30 – 16.00

on-line event on Zoom and in streaming



Professor MARK Z. JACOBSON

Director of the Atmosphere/Energy Program, Stanford University, CA, USA

Special Lecture on:

RENEWABLE ENERGY AND STORAGE: TECHNOLOGIES, OPPORTUNITIES AND BOTTLENECKS FOR A NET-ZERO SCENARIO

Professor Mark Z. Jacobson's career has focused on better understanding air pollution and global warming problems and developing large-scale clean, renewable energy solutions to them. Toward that end, he has developed and applied three-dimensional atmosphere-biosphere-ocean computer models and solvers to simulate air pollution, weather, climate, and renewable energy. He has also developed roadmaps to transition for Countries, States, Cities, and Towns to 100% clean, renewable energy for all purposes, as well as computer models to examine grid stability in the presence of high penetrations of renewable energy. He has published five textbooks, more than 200 peer-reviewed journal articles, and he has received many prestigious prizes and awards. He is one of the most influential personalities in the scientific landscape of the United States energy perspectives. His book "100% Clean, renewable energy and storage for everything" (Cambridge University Press, 2020) lays out the science, technology, economics, policy, and social aspects of a 100% renewable energy transition (100% Wind-Water-Solar, WWS) in local Communities, Cities, States and the World. In this lecture Mark Jacobson will present his book and will discuss the main issues of the energy transition process in progress.

Zoom link: <https://unipd.zoom.us/j/82777067944>

ZOOM LIVE STREAMING: <https://youtu.be/tmiyKROz1yA>