

SORPTION FOR CCUS IN SHALES

Adsorption and desorption constitute important processes in the context of enhanced gas recovery in unconventional reservoirs. The fundamentals of these process and relevant modelling strategies will be discussed. The outlook, challenges and latest advancements in this field are discussed. Join us to hear sorption experts discuss key challenges and breakthrough technology that will enhance your understanding of the mechanisms involved in such reactions.

INTERNATIONAL
WEBINAR

SPEAKERS



DR. ESWARAN PADMANABHAN
ASSOC. PROFESSOR, UNIVERSITI TECKNOLOGI,
PETRONAS, MALAYSIA



DR. M V PRASANNA
HOD, APPLIED SCIENCES, CURTIN UINVERSIY,
MALAYSIA



DR. SUMIT KUMAR
ASST. PROF, INDIAN INSTITUTE OF
TECHNOLOGY GUWAHATI, INDIA



DR. BISHNUPADA MANDAL
PROF, INDIAN INSTITUTE OF
TECHNOLOGY GUWAHATI, INDIA

AGENDA

3 March 2022	<i>Time shown is in Indian Standard Time</i>
14:00 – 14:15	Inauguration of Webinar
14:15 – 15:00	Overcoming challenges with advanced technologies in sorption/desorption (Dr. Eswaran Padmanabhan, Universiti Tecknologi, Malaysia)
15:00 – 15:45	Weathering Impact on Hydrogeochemistry (Dr. M V Prasanna, Curtin Uinversity, Malaysia)
15:45 – 16:15	Multiscale Pore Characterization for Shale (Dr. S Kumar, IIT Guwahati, INDIA)
16:15 – 16:45	Gas Adsorption Behaviour in Porous Materials (Dr. B Mandal, IIT Guwahati, INDIA)
16:45 - 17:00	Concluding Remarks and Vote of Thanks (Dr. S Kumar, IIT Guwahati, INDIA)

WHO CAN ATTEND?

Students and scientists who are starting off in their career in oil and gas sector, individuals who are interested in subject matter.

**MARCH 3,
2022**

**2:00 PM -
5:00 PM IST
(GMT +5:30)**

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Teams

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