



CERTIFICATE OF PARTICIPATION

TMREES INTERNATIONAL CONFERENCE
TECHNOLOGIES AND MATERIALS FOR RENEWABLE ENERGY,
ENVIRONMENT AND SUSTAINABILITY

THIS DIPLOMA IS PROUDLY PRESENTED TO

Farouk. Kh. Shakir and Baida M.Ahmed

Effect of Withdrawal Speed on the Optical and Structural Properties of Silicon Sol-Gel
Derived SiO₂ Antireflection Thin Films

Speaker: Farouk Khalid

Affiliation: Mustansiriyah University

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Prof. Chafic Salamé
GENERAL CHAIR - TMREES