ISSLCMT2021

世界一流学科攀登计划
— World First-class Disciplines Climbing Program of CQUPT —

智慧光转换技术与材料国际学术大师讲坛

International School on Smart Light Conversion Materials and Technology 2021

讲坛手册

PROGRAM BOOK

中国·重庆

2021年11月26-27日

International School Program Agenda

Day 1: November 26, 2021			
14:00-14:40	**Opening ceremony** **Chair:** Mrs. Fei Gao (CQUPT, China)	**Introduction to speakers** **Welcome address by** President of CQUPT, China Prof. Andries Meijerink (Utrecht University, the Netherlands) Prof. Xiaoyuan Zhou (Chongqing University, China) Head of Division for Science and Technology Cooperation, Chongqing Municipal Science and Technology Bureau, China	
Tutorial-I **Chair: Prof. Chong-Geng Ma (CQUPT, China)** (Zoom meeting ID：836 017 2201, Passcode：035214)			
15:00-15:45	Fundamentals and applications in lanthanide spectroscopy-(I)	Andries Meijerink	Utrecht University, the Netherlands
16:00-16:45	Fundamentals and applications in lanthanide spectroscopy-(II)	Andries Meijerink	Utrecht University, the Netherlands
16:50-18:05	Effective communication during the publication process	Gareth Dyke	Journal Office of Historical Biology, Taylor & Francis Publishing Group, UK
18:05-18:20	Beyond papers and serve scientific research	Zhendong Hao	Light Publishing Group, CIOMP, CAS, China
Day 2: November 27, 2021			
Tutorial-II **Chair: Prof. Xue Yu (Chengdu University, China)** (Zoom meeting ID：836 017 2201, Passcode：035214)			
8:00-8:45	Revisiting the mechanisms of non-radiative energy transfer in lanthanide materials-(I)	Oscar Malta	Federal University of Pernambuco, Brazil
9:00-9:45	Revisiting the mechanisms of non-radiative energy transfer in lanthanide materials-(II)	Oscar Malta	Federal University of Pernambuco, Brazil
9:45-10:30	The luminescence of Mn^{4+} in solids: red LED phosphors-(I)	Alok Srivastava	Current Lighting Solutions, LLC, USA
10:45-11:30	The luminescence of Mn^{4+} in solids: red LED phosphors-(II)	Alok Srivastava	Current Lighting Solutions, LLC, USA

Day 2: November 27, 2021			
Tutorial-III **Chair: Prof. Chang-Kui Duan (University of Science and Technology of China, China)** (Zoom meeting ID：836 017 2201, Passcode：035214)			
14:00-14:45	Impurity level locations and its impact on phosphor performance-(I)	Pieter Dorenbos	Delft University of Technology, the Netherlands
15:00-15:45	Impurity level locations and its impact on phosphor performance-(II)	Pieter Dorenbos	Delft University of Technology, the Netherlands
15:45-16:30	Electronic properties of transition metal and rare earth ions-(I)	Mikhail Brik	University of Tartu, Estonia
16:45-17:30	Electronic properties of transition metal and rare earth ions-(II)	Mikhail Brik	University of Tartu, Estonia
Tutorial-IV **Chair: Prof. Mikhail Brik (University of Tartu, Estonia)** (Zoom meeting ID：836 017 2201, Passcode：035214)			
19:00-19:45	R&D of scintillation materials: Principles, strategies, examples-(I)	Martin Nikl	Institute of Physics of the Czech Academy of Sciences, Czech Republic
20:00-20:45	R&D of scintillation materials: Principles, strategies, examples-(II)	Martin Nikl	Institute of Physics of the Czech Academy of Sciences, Czech Republic
20:45-21:30	Nanothermometry through light emission-(I)	Luis Carlos	University of Aveiro, Portugal
21:45-22:30	Nanothermometry through light emission-(II)	Luis Carlos	University of Aveiro, Portugal
22:30-23:00	**Closing ceremony** **Chair:** **Prof. Alok Srivastava** (ISSCMT school chairman)	Closing remarks by Prof. Mikhail Brik (ISSCMT school co-chairman) Prof. Xianzhong Xie (Graduate School, CQUPT) Dr. Mega Novita (Universitas PGRI Semarang, Indonesia) Announcement of Next ISSCMT by Prof. Xue Yu (Chengdu University, China)	

Note: The time referred in the program table is Beijing time (GMT+8) and the conversion to the local time of online speakers is needed.