

## Title: Transition Metal Doped ZnO Nanowires and their Applications



Dr. Chan Oeurn Chey  
Person in Charge of Graduate School of Science,  
Vice-Dean, Faculty of Science, RUPP  
See his publications: <https://bit.ly/3xCUQ17>

Speaker: Dr. Chan Oeurn Chey  
Moderator: Dr. Veasna Soum

Friday, 25 June 2021 from 9:00 AM-10:00 AM via Zoom



Scan or go to: <https://bit.ly/3zHwe04>  
to register no later than 24 June 2021



Contact Info.: Room 503 (STEM Building), Graduate School of Science, Royal University of Phnom Penh, Khan Tuol Kork, Phnom Penh.  
Mobile: 089-591-006, 011-737-481, Email: [gss@rupp.edu.kh](mailto:gss@rupp.edu.kh), Website: <http://www.rupp.edu.kh>

**Title:** *Transition Metal doped ZnO nanowires and their applications*

**Speaker:** Dr. Chan Oeurn Chey (google him for his publications)

### **Summary**

This talk will cover as the followings:

1. Nanomaterials and nanostructures and their potential applications
2. Hydrothermal synthesis of Transition Metal doped ZnO nanowires
3. Key characterizations of TM-doped ZnO nanowires
4. Potential application of MT-doped ZnO nanowires as high performance of sensors and spintronics devices.