

## 4<sup>TH</sup> ENGINEERING CONFERENCE (EC 2022)

# PUBLICATION WRITING WORKSHOP

# 25<sup>th</sup> OCT 2022



9.00 to 18.00 EAT (GMT +3)



**UoN RESEARCH WEEK 2022**



**ARUA-CoE-MEN** (African Research Universities Alliance Centre of Excellence in Materials, Energy and Nanotechnology)



**UKRI (UK Research and Innovation)**

## PRESENTERS



**PROF. ELLY GROSSMAN**  
[grossmane@gmail.com](mailto:grossmane@gmail.com)



**PROF. LESLEY CORNISH**  
[Lesley.Cornish@wits.ac.za](mailto:Lesley.Cornish@wits.ac.za)



**PROF. MICHAEL WITCOMB**  
[Michael.Witcomb@wits.ac.za](mailto:Michael.Witcomb@wits.ac.za)

### Audience:

- MSc and PhD Science or Engineering students who have at least reached the data collection stage of their research.
- Science/Engineering students/researchers preparing to submit a journal article.
- Science/Engineering students/researchers who plan to convert their thesis/dissertation into a book.
- Science/Engineering students/researchers preparing to present at a conference/workshop.
- Science/Engineering students/researchers planning to extract a journal article from their thesis/dissertation.

**Note:** The Workshop is free for students and researchers from universities affiliated to the ARUA-CoE-MEN (African Research Universities Alliance Centre of Excellence in Materials, Energy and Nanotechnology). Researchers from non-ARUA-CoE-MEN will be charged a fee to be advised on request.

### Mode of delivery:

The Workshop will be delivered on a blended mode with both physical and online attendance. The link for online attendees will be shared with those selected to attend. The physical attendance will be at the **UoN Towers, University of Nairobi Campus**.

**Note:** Those attending physically will bear their own cost of travel and accommodation.

### Style of Presentation:

A step by step guide to writing a paper from choice of title to referencing. Hands on activities: selection of relevant material, papers' "message to the World": main scientific argument, support for the message (discussion and conclusions), methods to back-up data, selection of evidence, what to include in methodology, reporting relevant results, Tables, Figures and illustrations, paragraph structure, voice, argument, sign posting.

**Hands on exercises on:** Instructions to Authors; critiquing paragraph structure; analyzing "voice" in publications; noting sign posting in journal articles; evaluating Tables and Figures in scientific writing.



UNIVERSITY OF NAIROBI



UK Research and Innovation



ARUA CENTRE OF EXCELLENCE IN MATERIALS, ENERGY & NANOTECHNOLOGY

### Requirements:

- Digital copy of completed research
- Guidelines for authors of the selected journal
- Recent copies of journal
- A laptop computer
- Virus free flash disc
- Writing materials (paper, pen)
- You should send a digital copy of your completed research to [grossmane@gmail.com](mailto:grossmane@gmail.com) by 18<sup>th</sup> October 2022.

## ABOUT THE PRESENTERS



**PROF. ELLY GROSSMAN**  
[grossmane@gmail.com](mailto:grossmane@gmail.com)

**Prof Elly Grossman** is a life scientist, electron microscopist and researcher who works in the health sciences. She spent many years running the first accredited Research Techniques Course at the Faculty of Health Sciences, University of the Witwatersrand and was instrumental in providing Writing Workshops to support postgraduate students and staff within the Faculty. She is currently giving research support and supervisor training to specialist registrars (trainees) and their supervisors at the Port Elizabeth and East London Health Resource Centres, Faculty of Health Sciences, Walter Sisulu University. Apart from the Health Sciences, Elly has given writing advice to postgraduate candidates throughout all academic fields at the University of the Witwatersrand and has presented a Writing Retreat at the AMSEN - MSI Africa Workshop, Ghana in May 2017 to Master's and PhD students from across Africa. Her writing support covers aspects of dissertation and journal article writing, grant writing, converting a dissertation into a journal publication and preparing slides and posters for scientific conference presentations. Elly has published over 80 accredited journal articles and has supervised numerous undergraduate and postgraduate research degrees over the course of her career.



**PROF. LESLEY CORNISH**  
[Lesley.Cornish@wits.ac.za](mailto:Lesley.Cornish@wits.ac.za)

**Prof. Lesley Cornish** is currently the Director: ARUA Centre of Excellence in Materials, Energy and Nanotechnology (CoE-MEN) as well as the Director of the DSI-NRF Centre of Excellence in Strong Materials, and Professor in the School of Chemical and Metallurgical Engineering, University of the Witwatersrand, Johannesburg, South Africa. She is a Physical Metallurgist and lectures and supervises undergraduate and postgraduate students. She is currently supervising or co-supervising 12 post graduate students, mainly at the University of the Witwatersrand, with 36 MSc and 29 PhD students already graduated. She has lectured to all undergraduate years in Metallurgical Engineering since 1990, given postgraduate courses, and presented external courses on phase diagrams, heat treatment and lectures in the UK, USA, Zimbabwe, Botswana, Germany and Nigeria, including courses to De Beers, Mintek, and Necsia in South Africa. Her main research interests are phase equilibria and the development of alloys, especially platinum-based alloys for high temperature use in aggressive environments, and titanium-based alloys for potential dental applications. Her research also includes characterisation techniques, and well as mechanical properties and corrosion, and she has over 150 publications in accredited journals. She obtained her BSc (Metallurgy and Materials), MSc (Computer Science) and PhD (Metallurgy and Materials) from the University of Birmingham, UK. She has worked for the United Kingdom Atomic Energy Authority, University of the Witwatersrand and Mintek.



**PROF. MICHAEL WITCOMB**  
[Michael.Witcomb@wits.ac.za](mailto:Michael.Witcomb@wits.ac.za)

**Prof. Mike Witcomb** obtained an MSc and a PhD in correlating low temperature properties of MoRe, NbTi and NbTiO alloys with microstructure using transmission electron microscopy at the Univ. Lancaster, England. After a spell at the Department of Electronics and Electrical Engineering at the Univ. Glasgow, Scotland working on low temperature AC power cables, he was appointed Director of the Electron Microscopy Unit, later the Electron Microscopy and Microanalysis Unit, at the Univ. of the Witwatersrand (Wits). The appointment was for 3 years that somehow became 39 years! In that time, Elly Grossman became my first student. And now, this will be the second time that I have assisted with her Writing Course. Research-wise, I have co-authored nine book chapters covering effect of diseases on human hair, polyaniline, carbon nanotubes, gold nanoparticles as a delivery vehicle in biomedical applications, as well as published around 180 peer reviewed journal papers covering, for example, ion bombardment topography generation, solar cells, various metal alloys with their microstructures and phase diagrams with Prof. Cornish, and some 55 papers with Chemistry at both Wits and the Univ. Johannesburg on properties of nanoparticle polymer composites. In 1980, I received The Wits Council Overseas Fellowship, for one year, to work at the National Center for Electron Microscopy, Lawrence Berkeley National Laboratory in California. I have been privileged to be able to work to this day, both at Wits, through the DSI-NRF Centre of Excellence in Strong Materials, and at Berkeley, through the US Department of Energy, on the precipitation and structure of carbides in platinum by both conventional and high voltage transmission electron microscopy.

TO APPLY: Send your application to: [eng\\_conf@uonbi.ac.ke](mailto:eng_conf@uonbi.ac.ke)



[www.uonbi.ac.ke](http://www.uonbi.ac.ke)