

**Session Program**

**16–19 Dec 2024**

**12th International Conference of the African Materials  
Research Society (AMRS)**

***PLENARY***

## Monday 16 December

10:10

### PLENARY: PLENARY

Session

10:10–10:40 **Materials and Advanced Manufacturing for African Development**

**Speaker**

Prof. Wole Soboyejo

10:40

17:30

### PLENARY: PLENARY

Session

17:30–18:00

**The shape of things to come: computational science driving scientific discovery and technological innovation**

**Speaker**

Nicola Marzari

18:00

## Tuesday 17 December

08:30

### PLENARY: PLENARY

Session

08:30–09:00 **The Art of Frugal Science and Innovations**

**Speaker**

Prof. Martin Thuo

09:00–09:30 **Aramid Nanofibers For Energy and Water Technologies**

**Speaker**

Nicholas Kotov

09:30

10:10

### PLENARY: PLENARY

Session

10:10–10:40

**SCULPTURED THIN FILM NANOSTRUCTURE PHOTOCATALYST FOR CO<sub>2</sub>+ SEQUESTRATION USING DOWNSTREAM PLASMA DEPOSITION**

**Speaker**

Anthony Githinji

10:40

17:30

### PLENARY: PLENARY

Session

17:30–18:00 **Nature Inspired Circular Recycling for Soft Materials (NaCRe)**

**Speaker**

Francesco Stellacci

18:00

## Wednesday 18 December

08:30

### PLENARY: PLENARY

Session

08:30–09:00 **Innovation, State Capacity and Development in Africa**

**Speaker**

Prof. Leonard Wantchekon

09:00–09:30 **Sustainable batteries and electrocatalytic processes**

**Speaker**

Magda Titirici

09:30