

# address NKUA-UB-UH2C-WITS Collaboration Seminar

Organized by:

- *CIVIS-Seed Funding Project: 'Bridging Continents, Building Futures: Applied Chemistry Education and Research for Urban Sustainability'*
  - *Master Degree Program 'Inorganic Chemistry and Its Application in Industry'*
    - *PhD program in Inorganic Chem.*

## Program

Thursday 24 March 2026

| Time             | Name                | University | Title                                                                                                                            |
|------------------|---------------------|------------|----------------------------------------------------------------------------------------------------------------------------------|
| 11.00 -<br>11.15 | Welcome address     |            |                                                                                                                                  |
| 11.15 -<br>11.45 | Mohammed<br>Ezzine  | UH2C       | Profitable Resource<br>Efficiency Management<br>and Sustainable Industrial<br>Practices                                          |
| 11.45 -<br>12.15 | Mohammed<br>Berrada | UH2C       | Emerging Trends in<br>Biomaterials-Based<br>Hydrogels: Biomedical<br>and Environmental<br>Innovations                            |
| 12.15 -<br>12.45 | Grace<br>Ngubeni    | WITS       | Engineering<br>multifunctional<br>quaternary nanoparticles<br>for dual-purpose energy<br>harvesting and<br>wastewater treatment. |

|                  |                                  |      |                                                                                                                                                                            |
|------------------|----------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12.45 -<br>13.15 | Manoko<br>Maubane -<br>Nkadimeng | WITS | Liability To Sustainability:<br>How can we effectively<br>turn waste into a useful<br>resource?                                                                            |
| 13.15 -<br>14.00 | <b>Lunch Break</b>               |      |                                                                                                                                                                            |
| 14.00 -<br>14.30 | Siziwe Gqoba                     | WITS | Chemical sensors and<br>smart food packaging                                                                                                                               |
| 14.30 -<br>15.00 | Lulia Lazar                      | UB   | From Needs Analysis to<br>Integrated Curriculum in<br>Interdisciplinary<br>Laboratories and Clusters.<br>Green Chemistry<br>Perspectives for<br>Educational Sustainability |
| 15.00 -<br>15.30 | Delia-Laoura<br>Popescu          | UB   | Applied Coordination<br>Chemistry for Urban<br>Sustainability: Designing<br>Functional Materials                                                                           |
| 15.30 -<br>16.00 | <b>Closing Remarks</b>           |      |                                                                                                                                                                            |