## Materials Chemistry for Environmental Applications <br> 7.5 Higher Education Credits

Schedule Fall 2023 (October)

| $\begin{array}{c}\text { Cour } \\ \text { se }\end{array}$ | Date | Room | Type | Teacher | Contents |
| :--- | :--- | :--- | :--- | :--- | :--- |
| L1 | $\begin{array}{l}28 / 9 \\ 09: 15-12: 00\end{array}$ | C516 | Lecture | AM/ZH | $\begin{array}{l}\text { Introduction } \\ \text { Pollution remediation and related } \\ \text { circularity concepts (process } \\ \text { efficiency, recyclability, recovery } \\ \text { of valuable chemicals, end-of-use }\end{array}$ |
| L2 | $\begin{array}{ll\|l\|l\|l\|l\|}29 / 9 \\ 09: 15-12: 00\end{array}$ | C516 | Lecture | AM | $\begin{array}{l}\text { Introduction to adsorption-driven } \\ \text { processes, associated materials } \\ \text { and characterisation, Adsorption }\end{array}$ |
| processes for water purification, |  |  |  |  |  |
| air treatment and gas separation |  |  |  |  |  |$]$| L3 |
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AM- Aji Mathew, ZH- Zhehao Huang, SW- Siri Willskytt (IVL), HK_ Houssine Khalili, MR Maria-Ximena Ruiz Caldas

