**FKF3420 Synchrotron Characterization Methods in Fibre and Polymer Technology – Theory**

**All times c.t.**

27th November, 2023, 9-11, place “Rånbyrummet”: 1 Lecture / Introduction to Synchrotron radiation

27th November, 2023, 13-15, place “Rånbyrummet”: 1 Lecture / Fundamentals of interaction of X-rays with matter

28th November, 2023, 13-15, place “Rånbyrummet”:”: 1 Lecture / Basics of small- and wide-angle X-ray scattering

28th November, 2023, 15-17, place “Rånbyrummet”: 1 Lecture / Applications of small-angle and wide-angle X-ray scattering I

29th November, 2023, 13-15, place “Rånbyrummet”: 1 Lecture / Applications of small-angle and wide-angle X-ray scattering II

30th November, 2023, 9-11, place “Rånbyrummet”: 1 Lecture / Introduction to Grazing incidence small-and wide-angle X-ray scattering & distribution of exercise

7th December, 2023, 9-11, place “Rånbyrummet”: 1 Lecture / Applications in thin film technology I

7th December, 2023, 15-17, place “Rånbyrummet”: 1 Lecture / Applications in thin film technology II

8th December, 2023, 9-11, place “Rånbyrummet: 1 Lecture / Modelling of scattering data and X-ray reflectometry

8th December, 2023, 13-15, place “Rånbyrummet”: Exercise: Beamtime proposal

Place: KTH campus

“Rånbyrummet” is found at Teknikringen 58, level 3 (which actually is one floor down from the entrance).