

## Computer Algebra (UE): Groups

**Group 1**

**Topic:** (4) Implicitization of Rational Varieties

**Members:** Thomas Pilgerstorfer, Sebastian Schmalzer, Theo Crazzolara, Felix Engertsberger

**Presentation:** 19 January

**Group 2**

**Topic:** (6) Squarefree Factorization

**Members:** Agnes Mallinger, Lisa-Maria Kuen, Madita Raab-Obermayr, Lena Hager

**Presentation:** 12 January

**Group 3**

**Topic:** (1) Division Algorithm

**Members:** Mara Antesberger, Sabrina Fleischanderl, Franziska Füllberger, Maria Heigl

**Presentation:** 19 January

**Group 4**

**Topic:** (9) Modular GCD Computation

**Members:** Viktoria Langenreither, Jakob Obrovsky, Vanessa Ortler

**Presentation:** 19 January

**Group 5****Topic:** (7) Linear Algebra over Polynomial Rings**Members:** Michael Kässmann, Peter Pfeiffer, Jonathan Kudlich**Presentation:** 12 January**Group 6****Topic:** (10) Robotics and Motion Planning**Members:** Dominik Baumann, Antonio Kajic, Thomas Franz Speckhofer**Presentation:** 12 January