

Homological Algebra

Tentative calendar for Part 2 Reading course

May 4, 2017: Office hour for discussing the material to be presented in the seminars (students are kindly requested to make an appointment via e-mail).

May 17, 2017, 14:30, aula M

1. Appendix B of the Lecture Series
(Sara Omodei)
2. Associated primes and support [EJ, 2.4]
(Elena Bergamaschi)

May 24, 2017, afternoon, aula M (exact time t.b.a.)

3. Krull's Principal Ideal Theorem [EJ, 2.4]
(Emanuele Perazzolo)
4. Depth and injective dimension over commutative local noetherian rings [BH, 3.1]
(Le Van Phu Cuong)

May 25, 2017, late morning/afternoon, Meeting Room II floor (exact time t.b.a.)

5. Injective modules over commutative noetherian rings [BH, 3.2]
(Davide Mattiolo)
6. The minimal injective resolution of a commutative noetherian rings [EJ, 9.2]
(Giulio Fellin)

May 30, 2017, afternoon, Meeting Room II floor (exact time t.b.a.)

7. The Auslander-Buchsbaum Theorem [EJ, 9.2]
(Francesco Sentieri)

[BH] W. Bruns; J. Herzog, Cohen-Macaulay rings, revised edition, Cambridge Studies in Advanced Mathematics, 39, Cambridge University Press, Cambridge, 1998.

[EJ] E. Enochs, O. Jenda, Relative homological algebra I, De Gruyter 2000

A lecture series by Prof. Dolors Herbera from Universitat Autònoma de Barcelona will be held on **June 1, 7, and 8**. Details will be available soon.