

Rheology of Deep Earth Materials

Prof. Patrick Cordier
(Universite Lille 1)



2018. 11.5 (Mon)-11.6 [Tue]

11.5 4F Meeting Room #486,

11.6 3F Meeting Room #385

Science Research Bldg. 1, Ehime Univ.



1st day (November 5) 4F Meeting Room #486

■ 13:00 - 14:30 Lecture 1st slot

Point defects - Diffusion - Nabarro Herring creep

■ 15:00 - 16:30 Lecture 2nd slot

Line defects - Dislocations core structure and mobility
(mostly glide)

■ 17:00 - 18:00 International Frontier Seminar

2nd day (November 6) 3F Meeting Room #385

■ 13:00 - 14:30 Lecture 3rd slot

From dislocations to creep - Dislocation dynamics

■ 15:00 - 16:30 Lecture 4th slot

Advanced TEM techniques for characterizing dislocations
and plasticity