

Course DMS B3: **Contact Mechanics and Elements of Tribology**

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Day/Hours	9h00-10h30	10h45-12h15	13h30-16h30
Monday 19/02	Industrial applications I	Mechanical contact I	Flamant, Boussinesq, Cerutti (TD)
Tuesday 20/02	Contact and mechanics of materials	Contact at small scales: roughness	Numerical Integration of Flamant (TP)
Wednesday 21/02	Lubrication and sealing (A. Shvarts)	Computational contact mechanics	Hertz contact (FEM) (TP)
Thursday 22/02	Wear and fretting (H. Proudhon)	Friction and adhesion	Frictionless and frictional contact (FEM) (TP)
Friday 23/02	Seminars	Elasto-plastic contact (FEM) (TP)	Exam for DMS students