

LECTURES AND PRACTICAL SESSIONS ROOMS

The lectures sessions will be held in room ‘Cinéma’ in the ‘Cadran Solaire Building’ which is situated outside the IGESA Centre and shown on the map **in red**, see next page.

The practical sessions will be held in room ‘Cinéma’ in the ‘Cadran Solaire Building’ and in room Alexandre shown on the map **in red**.

A wifi hotspot is available inside the ‘Cadran Solaire’ building. The name is

20_IUVSTA_school, and the password **Vacuum*2023**.

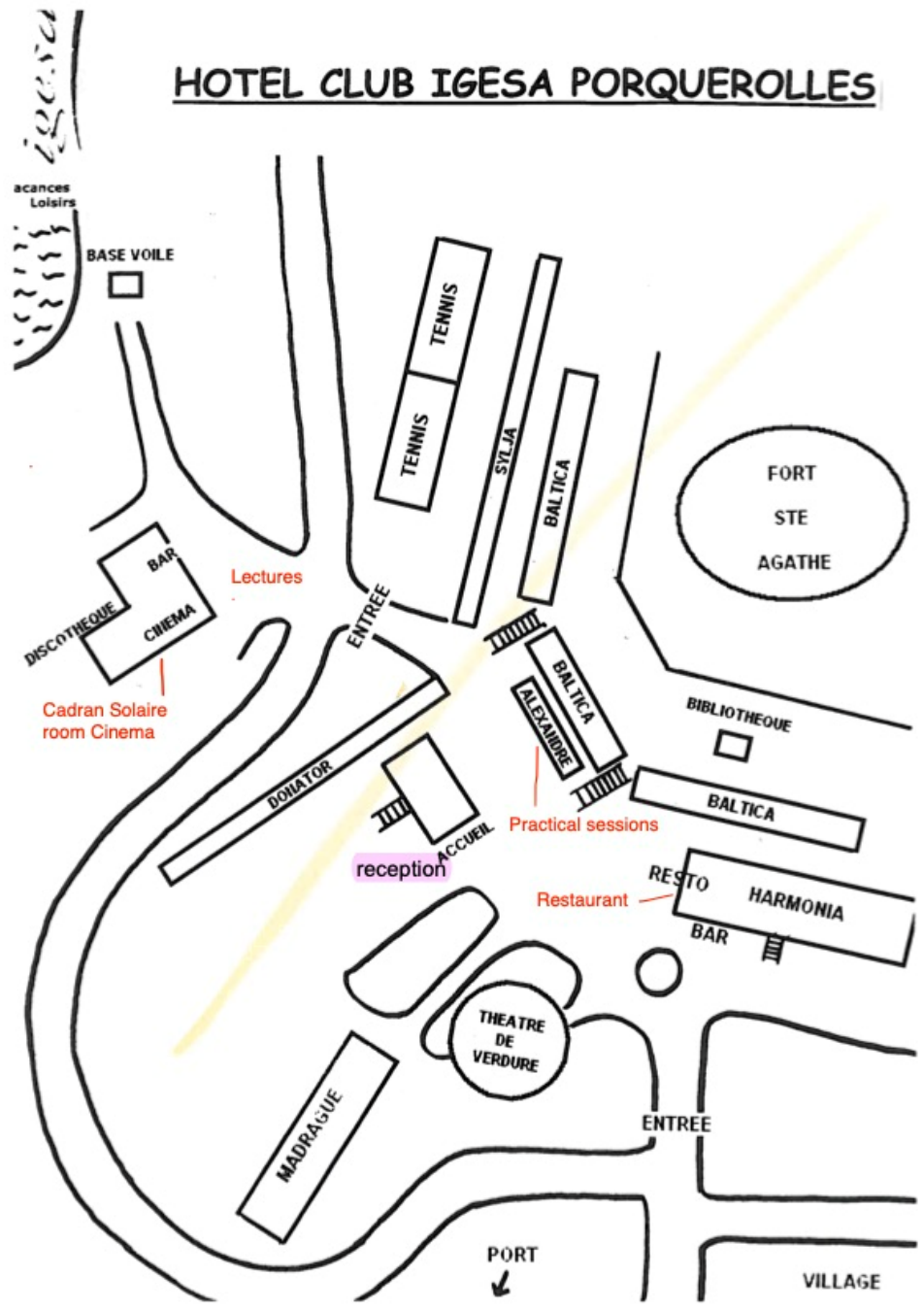
You can download the materials of lectures and practical sessions from this site:

<http://fisica.ufpr.br/sharipov/VGD/>

with password: knudsen

DON'T FORGET YOUR LAPTOP

HOTEL CLUB IGESA PORQUEROLLES



17 September	
19:30	Dinner
18 September	
07:30-08:00	Registration
08:00-08:30	General information
08:30-09:30	Lecture 1: Basic in kinetic theory, vacuum gas dynamic (FS)
09:30-10:00	coffee
10:00-11:15	Lecture 2: Model kinetic equations (IG)
11:15-11:45	break
11:45-13:00	Lecture 3: Test particle Monte Carlo method (TPMC) and its realization in Molflow code (RK)
13:00-14:40	Lunch
14:30-15:45	Practical session 1: Kinetic theory (FS, IG), Group 1 Practical session 2: TPMC (RK, OM), Group 2
15:45-16:15	coffee
16:15-17:30	Practical session 1: Kinetic theory (FS, IG), Group 2 Practical session 2: TPMC (RK, OM), Group 1
17:30-18:00	discussion
18:30-19:30	Welcome reception
19:30	Dinner
19 September	
08:15-09:30	Lecture 4: Gas-surface interaction (FS)
09:30-10:00	coffee
10:00-11:15	Lecture 5: DSMC (FS)
11:15-11:45	break
11:45-13:00	Lecture 6: Pipes flows, time dependent flows, mixtures and polyatomic gases (DV)
13:00-14:30	Lunch
14:30-15:45	Practical session 3: Model equations (IG, DV), Group 1 Practical session 4: DSMC, Group 2 (FS)
15:45-16:15	coffee
16:15-17:30	Practical session 3: Model equations (IG, DV), Group 2 Practical session 4: DSMC, Group 1 (FS)
17:30-18:00	discussion
19:00	Dinner
20 September	
08:15-09:30	Lecture 7: Experimental data and input parameters for modelling in UHV (OM)
09:30-10:00	coffee
10:00-11:15	Lecture 8: Modelling of vacuum system for particle accelerator (OM)
11:15-11:45	break
11:45-13:00	Lecture 9: Pumps and gauges modeling (DV)
13:00-14:30	Lunch
14:30-15:45	Practical session 5: Modeling of vacuum system for particle accelerators (OM, RK), Group 1 Practical session 6: Pipes flows, time dependent flows (DV, IG), Group 2
15:45-16:15	coffee
16:15-17:30	Practical session 5: Modeling of vacuum system for particle accelerators (OM, RK), Group 2 Practical session 6: Pipes flows, time dependent flows (DV, IG), Group 2
17:30-18:00	Discussions
19:00	Dinner
21 September	
08:15-09:30	Lecture 10: Experimental methods and standards in vacuum (KJ)
09:30-10:00	coffee
10:00-11:15	Practical session 7: Molflow tools applications (RK, OM), Group 1 Practical session 8: Metrology in vacuum, (KJ), Group 2
11:15-11:45	coffee
11:45-13:00	Practical session 7: Molflow tools applications (RK,OM), Group 2 Practical session 8: Metrology in vacuum, (KJ), Group 1
13:00-14:30	Lunch
14:30-16:00	School evaluation, discussion and future actions
17:00	boat departure

Irina Graur (IG)
 Karl Jousten (KJ)
 Roberto Kersevan (RK)
 Oleg Malyshev (OM)
 Felix Sharipov (FS)
 Dimitris Vakougeorgis (DV)

Lectures: Cinéma room "Cadran Solaire" buildin
Group 1: Cinéma room "Cadran Solaire" building
Group 2: Alexandre room

GENERAL INFORMATION

Meals are as detailed on the program and will be held in the Restaurant situated in the “Harmonia” building. Please keep your badge with you.

We hope you will enjoy Lectures and Practical sessions, but we are sure you will enjoy other possible activities on Porquerolles! Here is some useful information:

At the IGESA center, you will find 2 tennis courts, 2 ping-pong tables, 1 bouldrome.

Below are some useful numbers which may be of help to you during your stay in Porquerolles and after :

TAXIS : Presqu’île de Giens, 83400 Hyères Tel : 04 89 30 87 83

Chauffeur des îles d’Or Mobile :06 27 66 76 45

(<https://www.chauffeurdesilesdor.com/en/>)

TAXI BOAT « le Pélican » Reservations : 04 94 58 94 94 / 06 24 43 33 37 / 06 59 07 12 72

Taxi boat : 0033 (0)6 09 52 31 19

Tourist Office : 00 33 (0)4 94 58 33 76

Fire brigade : 18

Harbour Office : 00 33 (0)4 94 58 30 72

Doctor : 00 33 (0)4 58 30 05

Post office 00 33 (0)94 58 30 99