

| HSC7_HERCULES Specialised Courses: Synchrotron Radiation and Neutrons for High Pressure Studies |   |  |  |                                     |                                     |   |       |
|---|---|--|--|-------------------------------------|-------------------------------------|---|-------|
|   | Sunday 18/05/2008   | Monday 19/05/2008  | Tuesday 20/05/2008   | Wednesday 21/05/2008                | Thursday 22/05/2008                 | Friday 23/05/2008   |       |
| 8:00  |   |  | <b>SAFETY TRAINING</b><br>8h00 - 9h00  | <u>Practicals - 8h30-12h30</u>      | <u>Practicals - 8h30-12h30</u>      |   | 8:00  |
| 8:30  |   | <a href="#">8h30</a> General Introduction by J.R. Regnard and S. Larsen  | Common training for HSC7 and HSC8 in the ESRF Auditorium   | ID24<br>Group [1]                   | ID24<br>Group [3]                   |   | 8:30  |
| 9:00  |   | Mohamed MEZOUAR<br>Introduction to X-ray Diffraction<br><a href="#">9h00 - 10h30</a>                               | Koen De HANTSETTERS<br>Unravelling the diamond (anvil) mystery<br><a href="#">9h00 - 10h30</a>   | <u>G. Aquilanti / S. Pascarelli</u> | <u>G. Aquilanti / S. Pascarelli</u> | Karl SYASSEN<br>Synchrotron-based studies of metals and oxides<br><a href="#">9h00 - 10h30</a>  | 9:00  |
| 9:30  |   |  |  | ID28<br>Group [2]                   | ID28<br>Group [4]                   |   | 9:30  |
| 10:00   |   |  |  | <u>M. Krisch</u>                    | <u>M. Krisch</u>                    |   | 10:00 |
| 10:30   |   | COFFEE/ TEA  | COFFEE/ TEA  | ID27<br>Group [3]                   | ID27<br>Group [1]                   | COFFEE/ TEA   | 10:30 |
| 11:00   |   | Sakura PASCARELLI<br>Introduction to X-ray Absorption and Emission Spectroscopies<br><a href="#">11h00 - 12h30</a> | Reini BOEHLER<br><a href="#">11h00-12h30</a>   | <u>M. Mezouar</u>                   | <u>M. Mezouar</u>                   | Mohsen ABD-ELMEGUID<br>High Pressure Studies Using Nuclear Forward Scattering<br><a href="#">11h00 - 12h30</a>  | 11:00 |
| 11:30   |   |  |  | ID16<br>Group [4]                   | ID16<br>Group [2]                   |   | 11:30 |
| 12:00   |   |  |  | <u>G. Monaco</u>                    | <u>G. Monaco</u>                    |   | 12:00 |
| 12:30   |   |  |  |                                     |                                     |   | 12:30 |
| 13:00   |   | LUNCH  | LUNCH  | LUNCH                               | LUNCH                               | LUNCH   | 13:00 |
| 13:30   |   |  |  |                                     |                                     |   | 13:30 |
| 14:00   |   | Michael KRISCH<br>Introduction to inelastic X-ray and nuclear resonance scattering<br><a href="#">14h00-15h30</a>  | Paul McMILLAN<br>Solid state chemistry and materials science studies at high pressure: the role of synchrotron and neutron research<br><a href="#">14h00-15h30</a> | <u>Practicals - 14h00-18h00</u>     | <u>Practicals - 14h00-18h00</u>     | Andrea DI CICCO<br>Phase transitions and structure of stable and metastable systems under pressure: experimental and data-analysis methods using synchrotron radiation<br><a href="#">14h00 - 15h30</a> | 14:00 |
| 14:30   |   |  |  | ID24<br>Group [4]                   | ID24<br>Group [2]                   |   | 14:30 |
| 15:00   |   |  |  | <u>G. Aquilanti / S. Pascarelli</u> | <u>G. Aquilanti / S. Pascarelli</u> |   | 15:00 |
| 15:30   |   | COFFEE/ TEA  | COFFEE/ TEA  | ID28<br>Group [1]                   | ID28<br>Group [3]                   | COFFEE/ TEA   | 15:30 |
| 16:00   |   | Visit of the ESRF  | Stefan KLOTZ<br>Methods in high pressure neutron scattering<br><a href="#">16h00-17h30</a>   | <u>M. Krisch</u>                    | <u>M. Krisch</u>                    | François GUYOT<br><br>Common lecture for HSC7 and HSC8 in the ESRF Auditorium<br><a href="#">16h00 - 17h30</a>  | 16:00 |
| 16:30   |   |  |  | ID27<br>Group [2]                   | ID27<br>Group [4]                   |   | 16:30 |
| 17:00   |   |  |  | <u>M. Mezouar</u>                   | <u>M. Mezouar</u>                   |   | 17:00 |
| 17:30   |   |  |  | ID16<br>Group [3]                   | ID16<br>Group [1]                   | Conclusions   | 17:30 |
| 18:00   | Registration at The Hotel Suisse et Bordeaux<br>Followed by a cold Buffet<br><br>18h00 to 20h00 | DINNER<br>ESRF canteen   | Wine and Cheese<br><br>Poster Session<br>18h00 - 20h00   | <u>G. Monaco</u>                    | <u>G. Monaco</u>                    | Farewell cocktail<br><br>Dinner at ESRF canteen   | 18:00 |
| 18:30   |   |  |  |                                     |                                     |   | 18:30 |
| 19:00   |   |  |  | DINNER<br>ESRF canteen              | DINNER<br>Restaurant in Grenoble    |   | 19:00 |

Lectures will take place in the ESRF auditorium on Monday and Tuesday and in the CIBB seminar room on Friday