

| DATE  | TIME                                       | LECTURER              | TITLE  |
|---|--|-----------------------|--|
| Sunday<br>March 17 <sup>th</sup>            | <i>From 3.00 pm Arrival – Registration</i> |                       |  |
| Monday<br>March 18 <sup>th</sup>            | 8.45 – 9.00                                | J-F Aubry/ ter Haar   | Welcome/ Overview & introduction               |
|   | <i>Chair: Cyril Lafon</i>                  |                       |  |
|   | 9.00 -9.45                                 | V. Khokhlova          | Acoustic propagation – soft tissue             |
|   | 9.45 – 10.30                               | J-F Aubry             | Focusing Ultrasound                            |
|   | <i>Coffee break</i>                        |                       |  |
|   | 11.00 -1130                                | E. Ebbini             | Biophysics: Heating, thermometry               |
|   | 1130 - 12.15                               | L. Crum               | Biophysics: Cavitation                         |
|   | <i>12.30 Lunch<br/>5.00 pm Coffee</i>      |                       |  |
|   | <i>Chair: Larry Crum</i>                   |                       |  |
|   | 5.30 – 6.00                                | M. Pernot             | Basics of US imaging                           |
|   | 6.00 – 6.30                                | R. Berriet            | Ultrasound transducers                         |
| <i>6.30 pm Welcome Drink<br/>Dinner</i>     |  |                       |  |
| Tuesday<br>March 19 <sup>th</sup>           | <i>Chair: Jean-Francois Aubry</i>          |                       |  |
|   | 8.45 - 9.15                                | B. Quesson            | Basics of MR imaging                           |
|   | 9.15 – 9.50                                | M. Pernot             | Monitoring & Guidance – US                     |
|   | 9.50 – 10.30                               | B. Quesson            | Monitoring & Guidance – MR                     |
|   | <i>Coffee break</i>                        |                       |  |
|   | 11.15 – 11.45                              | J. Hwang              | Oncology                                       |
|   | 11.45 – 12.30                              | G. ter Haar           | Histology for HIFU                             |
|   | <i>12.30 Lunch<br/>5.30 pm Coffee</i>      |                       |  |
|   | <i>Chair: J. Hwang</i>                     |                       |  |
|   | 5.45 - 6.15                                | G. ter Haar           | Thermal biology, thermal dose, cavitation dose |
|   | 6.15 – 6.45                                | J.-F. Aubry           | Devices  |
| <i>Evening : (Table) Football world cup</i> |  |                       |  |
| Wednesday<br>March 20 <sup>th</sup>         | <i>Chair: Kullervo Hynynen</i>             |                       |  |
|   | 8.45 - 9.30                                | N. de Jong            | Ultrasound Contrast Agents                     |
|   | 9.30 -10.15                                | C. Coussios           | Ultrasound mediated drug delivery              |
|   | <i>Coffee break</i>                        |                       |  |
|   | 10.40 -11.15                               | O. Sapozhnikov        | Calibration & field characterisation           |
|   | 11.15-12.00                                | K. Hynynen            | Brain therapies                                |
|   | <i>12.00 Lunch<br/>5.30 pm Coffee</i>      |                       |  |
|   | <i>Chair: Nico de Jong</i>                 |                       |  |
|   | 6.00 - 6.45                                | J.Hwang               | Clinical applications – abdominal/prostate     |
|   | <i>Evening : L.Crum Glühwein Lecture</i>   |                       |  |
| Thursday<br>March 21 <sup>st</sup>          | <i>Chair: Vera Khokhlova</i>               |                       |  |
|   | 9.00 – 9.45                                | B. Fowlkes            | Histotripsy                                    |
|   | 9.45-10.15                                 | C.Lafon               | Intra-cavitary probes                          |
|   | <i>Coffee break</i>                        |                       |  |
|   | 11.00-11.45                                | C. Lafon              | Clinical applications – trans-rectal           |
|   | <i>12.00 Lunch<br/>4.30 pm Coffee</i>      |                       |  |
|   | <i>Chair: Brian Fowlkes</i>                |                       |  |
|   | 5.30 –6.45                                 | Student presentations |  |
| Friday<br>March 22 <sup>nd</sup>            | <i>Chair: Oleg Sapozhnikov</i>             |                       |  |
|   | 9.00 - 9.45                                | Oleg Sapozhnikov      | Lithotripsy & SWT                              |
|   | 9.45 - 10.15                               | G. ter Haar           | Experimental design                            |
|   | <i>Coffee break</i>                        |                       |  |
|   | 11.00 - 11.45                              | M. Tanter             | The route to commercialisation                 |
|   | 11.45 - 12.00                              | Closing               |  |
|   | <i>Lunch</i>                               |                       |  |
| <i>Departure to the airport</i>             |  |                       |  |