

# The principles of dynamic nuclear polarization

## A PhD-level summer school

*Main lecturer*

***Prof. W. Th. Wenckebach***

*Invited lecturers*

***Prof. J. H. Ardenkjaer-Larsen, Technical University of Denmark***

***Prof. S. Vega, Weizmann Institute of Science***

***Prof. Matthew E. Merritt, The University of Florida***

Organizers: Dr. Patrick Hautle and Dr. Ben van den Brandt, PSI  
and Dr. Arnaud Comment, GE Healthcare

22 - 26 August 2016

### Venue

The summer school will take place in a conference center located in a little Swiss town named Tramelan, which can be easily reached by train in about 2h from both Lausanne and Zürich, as well as from Zürich-Airport and Basel EuroAirport (<http://www.cip-tramelan.ch/seminaires/auditorium>).



# The principles of dynamic nuclear polarization, a PhD-level physics summer school

## Timetable

|                | Day 1   | Day 2  | Day 3   | Day 4  | Day 5   |
|----------------|---|--|---|--|---|
| 8h30<br>9h20   |   | <i>Breakfast</i>                                       |   |  |   |
| 9h20<br>11h00  |   | <i>Main Course<br/>Part III<br/>Tom<br/>Wenckebach</i> | <i>Main Course<br/>Part V<br/>Tom<br/>Wenckebach</i>  | <i>Main Course<br/>Part VII<br/>Tom<br/>Wenckebach</i>         | <i>Main Course<br/>Part IX<br/>Tom<br/>Wenckebach</i> |
| 11h00<br>11h20 | <i>Welcome and<br/>introduction</i>                   | <i>Coffee break</i>                                    |   |  |   |
| 11h20<br>13h00 | <i>Main Course<br/>Part I<br/>Tom<br/>Wenckebach</i>  | <i>Main Course<br/>Part IV<br/>Tom<br/>Wenckebach</i>  | <i>Main Course<br/>Part VI<br/>Tom<br/>Wenckebach</i> | <i>Main Course<br/>Part VIII<br/>Tom<br/>Wenckebach</i>        | <i>Main Course<br/>Part X<br/>Tom<br/>Wenckebach</i>  |
| 13h00<br>14h00 | <i>Lunch</i>  |  |   |  |   |
| 14h00<br>15h40 | <i>Main Course<br/>Part II<br/>Tom<br/>Wenckebach</i> | <i>Shimon Vega<br/>Special Topic I</i>                 | <i>Matthew E.<br/>Merritt<br/>Special Topic II</i>    | <i>Jan H.<br/>Ardenkjaer-<br/>Larsen<br/>Special Topic III</i> | <i>End of school</i>                                  |
| 15h40<br>16h00 | <i>Coffee break</i>                                   |  |   |  |   |
| 16h00<br>17h30 | Poster session  | Poster session   | Poster session  | Poster session   |   |
| 17h30<br>18h30 | Open discussion                                       | Open discussion  | Open discussion                                       | Open discussion  |   |
| 18h30<br>20h30 | <i>Dinner</i>   |  |   |  |   |

## Price

The registration fee is **600 CHF** (or **750 CHF**) for PhD students in **double** (or **single**) room, and **1500 CHF** for other participants. It includes lodging for 4 nights and all meals.

***Be aware that the number of participants is limited!***

Preregistration is open till May 13. The preregistration form can be downloaded from [http://sdnpi.epfl.ch/preregistration\\_form.html](http://sdnpi.epfl.ch/preregistration_form.html)

## Contact

Patrick Hautle: [patrick.hautle@psi.ch](mailto:patrick.hautle@psi.ch)  
 Ben van den Brandt: [ben.vandenbrandt@psi.ch](mailto:ben.vandenbrandt@psi.ch)  
 Arnaud Comment: [arnaud.commen@ge.com](mailto:arnaud.commen@ge.com)