



**Frid.  
April 28  
2017**

**PSB SPOTLIGHT  
ON**

**Crystal & EM structures**

**Tricks and tools for  
exploiting data and databases**

**Lectures (Chadwick Amphitheatre)**

- |                      |                                   |  |
|----------------------|-----------------------------------|--|
| <b>9:00</b>          | Matthew Conroy, PDBe              | “Getting data into, and out of, the PDB”   |
| <b>9:45</b>          | Ardan Patwardhan, EMDB            | “EMDB and EMPIAR: trends, resources and plans”   |
| <b>10:30 - 11:00</b> | Coffee break                      |  |
| <b>11:00</b>         | Gerard Bricogne, Global Phasing   | “Ongoing developments towards improving X-ray diffraction data quality, in particular for detecting small, weakly bound fragments” |
| <b>11:30</b>         | Clemens Vornrhein, Global Phasing | “Data, model and ligand validation with Global Phasing software”   |
| <b>12:00</b>         | Lunch                             |  |

**Practicals (CIBB, 3D graphics room)**

“Finding and evaluating structure data in the PDB and EMDB archives”

- |                      |                                 |
|----------------------|---------------------------------|
| <b>14:30 - 16:00</b> | Practical group 1 (10 students) |
| <b>16:00 - 17:30</b> | Practical group 2 (10 students) |

**Please register (it's free) by: 24 April 2017**

<https://workshops.ibs.fr/psb-spotlight-on-crystal-and-em-structures>