

| Day & Topic                  | Mo 9.9.24 – Introduction  | Tue 10.9.24 – Drug Discovery   | Wed 11.9.24 – Drug Discovery  | Thu 12.9.24 – Molecular Modelling                           | Fri 13.9.24 – Automatisation   |  |  |
|------------------------------|---|--|---|---|--|--|--|
| 8:30 – 9:15                  | <b>Introduction</b><br>S. Wendeborn & A. Kahraman<br>(FHNW)               | <b>Basic principles of modelling, concept of modelling, design of models, reaction modelling</b><br>Marco Stenta (Syngenta AG)   | <b>Introduction in the drug discovery process at Idorsia, drug forge concept, machine learning in drug discovery</b><br>Naomi Tidten (Idorsia AG) | <b>Molecular Modelling Intro</b><br>(Schrödinger Inc.)      | <b>Company visit: Standardized, digitalized and accelerated solutions for organic chemistry &amp; laboratory demos</b><br>Chemspeed Technologies AG              |  |  |
| 9:30 – 10:15                 |   |  |   | <b>Molecular Modelling Workshop 1</b><br>(Schrödinger Inc.) |  |  |  |
| 10:30 – 11:15                | <b>The power of digital chemistry</b><br>Abdullah Kahraman (FHNW)         |  |   |   |  |  |  |
| 11:30 – 12:15                |   |  |   |   |  |  |  |
| Lunch Break<br>12:30 - 13:30 | <b>Databases</b>  |  | <b>XR Technologies</b>  |   | <b>Data Sciences elsewhere</b>   |  |  |
| 13:30 – 14:15                | <b>Graph database in Life Sciences</b><br>George Martens<br>(Tecworks AG) | <b>Case study: Application of modelling, such as reactions and molecular properties, computer aided molecular design &amp; modelling</b><br>Marco Stenta (Syngenta AG) | <b>Extended reality in Life Sciences</b><br>Elias Remete (AugmentIT AG)   | <b>Molecular Modelling Workshop 2</b><br>(Schrödinger Inc.) | <b>Deep dive: Building a high-throughput Experimentation platform from the ground using google sheets and spotfire</b><br>David Nippa (F. Hoffmann-La Roche Ltd) |  |  |
| 14:30 – 15:15                |   |  |   |   |  |  |  |
| 15:30 – 16:15                |   |  |   |   |  |  |  |
| 16:30 – 17:15                |   |  |   |   | Wrap up with Apéro   |  |  |