

# VB2017 - Lectures Program

## Mon. Sep. 4th

19:30 - 21:00     **Shaik Sason**  
The Valence Bond Way in Chemistry

## Tue. Sep. 5th

9:00-10:30     **David Cooper**  
Introduction to Various Aspects of *ab initio* VB Theory

**10:30-11:00**     **Coffee Break**

11:00-12:30     **Philippe Hiberty**  
An overview of modern *ab initio* Valence bond (VB) methods

**12:30-14:00**     **LUNCH**

14:00-14:45     **Zhenhua Chen**  
XMVB 3.0 The Right Way To Do Valence Bond Calculations

## Wed. Sep. 6th

9:00-10:30     **Wei Wu**  
Advanced Valence Bond Methodology

**10:30-11:00**     **Coffee Break**

11:00-11:45     **Benoit Braida**  
How VB theory can help understanding “unusual” bonding

11:45-12:30     **Peifeng Su**  
Valence Bond Approaches for Weak Interaction and Photochemistry

**12:30-14:00**     **LUNCH**

Additional short tutorial lectures will be given throughout the various Hands-on sessions depending on needs.