

**ICCP Workshop  
On  
Data Processing, Analysis and Presentation Software**

**Saturday July 23, 2016**

**8:00 – 9:00 Coffee and check-in**

**9:00 – 12:00 Data processing consensus building**

- Summary of key algorithms
- Presentation of results from data processing questionnaire
- Identification of processing algorithms that should be included in community wide software
- Discussion of how we can reach consensus on best processing practices
- Discussion of how we can reach consensus on optimum algorithms
- Discussion of strategy for quantifying uncertainties in derived parameters
- Reaching consensus on definitions of Effective radius, OAP particle size, LWC, etc.
- Planning future processing intercomparison studies focusing on remaining areas of disagreement.

**12:00 - 13:00 Lunch**

**13:00 – 17:00 Discussion of a Community-Wide Cloud Measurements Processing Package (CMPP)**

- Overview of current processing packages
- Development of strategy for homogenization of processing and display software
- Initialization of the process for documenting processing procedures, definitions, acronyms, etc.
- Discussion of uncertainties associated with different processing algorithms
- Selection of an optimum platform for the CMPP
- Acronym contest for the CMPP
- Key components of the CMPP
- How to maintain the CMPP

**Sunday July 24, 2016**

**8:00 – 9:00 Coffee**

**9:00 – 12:00 Python Tutorial**