

## GW4 Cytometry Computing Workshop

Provisional Programme

Day 1 (28th July) 09:30 am - 18:00 pm

The Forum, University Of Exeter, Streatham Campus, Exeter EX4 4RN

| 09:00 | Arrival and registration                                  |
|-------|---|
| 09:30 | Workshop overview   |
| 09:45 | Introduction to programming in R                          |
| 11:30 | Coffee, Tea, Pastries                                     |
| 12:00 | Practical Cytometry Analysis 1                            |
|       | <ul><li>Data preprocessing, quality control</li></ul>     |
|       | <ul> <li>Introduction to data visualization</li> </ul>    |
| 13:30 | Lunch with networking                                     |
| 14:30 | Practical Cytometry Analysis 2                            |
|       | <ul> <li>Manual cell population identification</li> </ul> |
|       | <ul> <li>Automated gating solutions 1</li> </ul>          |
| 16:00 | Coffee, Tea, Pastries                                     |
| 16:30 | Practical Cytometry Analysis 3                            |
|       | <ul><li>Statistical hypotheses testing</li></ul>          |
|       | <ul><li>Correlation analysis 1</li></ul>                  |
|       | <ul> <li>Advanced visualization</li> </ul>                |
| 18:00 | A&A   |
| 18:30 | BBQ at Devon and Exeter Squash Club                       |







## GW4 Cytometry Computing Workshop

Provisional Programme

Day 2 (29th July) 08:45 am - 16:45 pm

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