

## 2018 CODATA-RDA School of Research Data Science – School program

### Monday, 3 December 2018

- 09:30 – 10:30 Registration, Administrative, and Financial formalities
- 11:00 – 12:30 Introduction and Open Science 1 (Marcela Alfaro Córdoba) Class
- 12:30 – 13:30 Lunch
- 13:30 – 17:30 The Unix Shell (SW Carpentry – Filipe Fernandes) Lab
- 15:00 – 15:30 Coffee break
- 15:30 – 17:30 The Unix Shell (SW Carpentry – Filipe Fernandes) Lab

### Tuesday, 4 December 2018

- 9:30 – 11:00 Version Control with Git (SW Carpentry – Filipe Fernandes) Lab
- 11:00 – 11:30 Coffee break
- 11:30 – 12:30 Version Control with Git (SW Carpentry – Filipe Fernandes) Lab
- 12:30 – 13:30 Lunch
- 13:30 – 15:00 Introduction to R (R-ladies SãoPaulo) Lab
- 15:00 – 15:30 Coffee break
- 15:30 – 17:30 Introduction to R (R-ladies SãoPaulo) Lab

### Wednesday, 5 December 2018

- 09:30 – 11:00 Introduction to R (R-ladies SãoPaulo) Lab
- 11:00 – 11:30 Coffee break
- 11:30 – 12:30 Introduction to R (R-ladies SãoPaulo) Lab
- 12:30 – 13:30 Lunch
- 13:30 – 15:00 Introduction to R (R-ladies SãoPaulo) Lab
- 15:00 – 15:30 Coffee break
- 15:30 – 17:30 Introduction to R (R-ladies SãoPaulo) Lab

**Thursday, 6 December 2018**

09:30 – 11:00 Data Visualisation (Natalia da Silva) Lab

11:00 – 11:30 Coffee break

11:30 – 12:30 Data Visualisation (Natalia da Silva) Lab

12:30 – 13:30 Lunch

13:30 – 15:00 Data Visualisation (Natalia da Silva) Lab

15:00 – 15:30 Coffee break

15:30 – 17:00 Data Visualisation (Natalia da Silva) Lab

17:00 – 17:30 Short Intro to RDM (Steve Diggs) Lab

**Friday, 7 December 2018**

9:30 – 11:00 Research Data Management (Marcela Alfaro Córdoba) Class

11:00 – 11:30 Coffee break

11:30 – 12:30 Research Data Management (Steve Diggs) Lab

12:30 – 13:30 Lunch

13:30 – 15:00 Research Data Management (Steve Diggs) Lab

15:00 – 15:30 Coffee break

15:30 – 17:30 Research Data Management (Steve Diggs) Lab

**Monday, 10 December 2018**

9:30 – 10:30 Data Science in Industry: Itaú Bank - Class

10:30 – 11:00 CODATA-RDA intro session (Marcela Alfaro Córdoba/Rob Quick) Class

11:00 – 11:30 Coffee break

11:30 – 12:30 Open Science 2 (Marcela Alfaro Córdoba) Class

12:30 – 13:30 Lunch

13:30 – 15:00 Information Security (Raphael Cobe/Rob Quick) Class + Lab

15:00 – 15:30 Coffee break

15:30 – 17:30 Information Security(Raphael Cobe/Rob Quick) Class + Lab

**Tuesday, 11 December 2018**

09:30 – 11:00 Overview of Machine Learning (Raphael C  be) Lab

11:00 – 11:30 Coffee break

11:30 – 12:30 Overview of Machine Learning (Raphael C  be) Lab

12:30 – 13:30 Lunch

13:30 – 15:00 Overview of Machine Learning (Raphael C  be) Lab

15:00 – 15:30 Coffee break

15:30 – 17:30 Overview of Machine Learning (Raphael C  be) Lab

**Wednesday, 12 December 2018**

09:30 – 11:00 Artificial Neural Networks (Raphael C  be) Lab

11:00 – 11:30 Coffee break

11:30 – 12:30 Artificial Neural Networks (Raphael C  be) Lab

12:30 – 13:30 Lunch

13:30 – 15:00 Artificial Neural Networks (Raphael C  be) Lab

15:00 – 15:30 Coffee break

15:30 – 17:30 Artificial Neural Networks (Raphael C  be) Lab

**Thursday, 13 December 2018**

9:30 – 11:00 Research Computational Infrastructure (Rob Quick) Lab

11:00 – 11:30 Coffee break

11:30 – 12:30 Research Computational Infrastructure (Rob Quick) Lab

12:30 – 13:30 Lunch

13:30 – 15:00 Research Computational Infrastructure (Rob Quick) Lab

15:00 – 15:30 Coffee break

15:30 – 17:30 Research Computational Infrastructure (Rob Quick) Lab



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**Friday, 14 December 2018**

9:30 – 11:00 Research Computational Infrastructure (Rob Quick) Lab

11:00 – 11:30 Coffee break

11:30 – 12:30 Research Computational Infrastructure (Rob Quick) Lab

12:30 – 13:30 Workshop wrapup (Rob Quick) Class

**More information: <http://www.ictp-saifr.org/codata2018>**