

## Laboratório de Estatística Espacial – LEE/UNIOESTE

Local LISA 2020 Symposium Events:

### Introduction to Python

**Dates:** 11/24/2020, 12/01/2020, 12/08/2020, 12/15/2020, 12/22/2020

**From 13:00–14:30 UTC.**

The Western Paraná State University - Unioeste-Brazil

**Venue:** Online via Google meet

#### Workshop Program

| TIME       | Activity  | Presenter                    |
|------------|---|------------------------------|
| 11/24/2020 | Introduction to Python, Data types<br>Data collection | Paulo Gamero<br>Miguel Opazo |
| 12/01/2020 | Types of loops  | Paulo Gamero<br>Miguel Opazo |
| 12/08/2020 | Conditions  | Paulo Gamero<br>Miguel Opazo |
| 12/15/2020 | Functions   | Paulo Gamero<br>Miguel Opazo |
| 12/22/2020 | Data exploration, and Statistical inference           | Paulo Gamero<br>Miguel Opazo |

Link to the workshop: <https://meet.google.com/kev-zfpk-zrv>

The goal this workshop will be to introduce Python to course participants, introducing them to their applications and the importance of their study for data analysis, since it is a very useful programming language today. We will approach historical foundations of its emergence, as an understanding of the starting point of language, promoting knowledge of functionalities, applications and methods of use, object definitions and treatment of them in a practical way.

Need for the mini course (install):

- Python3;
- Spyder