

**MLNS2022: Machine Learning
applied to Nutrition Science
workshop**

Report of Contributions

Contribution ID: 3

Type: **not specified**

An example: Machine Learning for studying COVID-19 development

Friday, 11 November 2022 11:50 (30 minutes)

Presenter: CONVENTI, Francesco Alessandro (Istituto Nazionale di Fisica Nucleare)

Session Classification: Machine Learning applied to patients' BIA parameters

Contribution ID: 4

Type: **not specified**

Statistical descriptions of the patients' sample

Friday, 11 November 2022 14:00 (30 minutes)

Presenter: DE IORIO, Agostino (Istituto Nazionale di Fisica Nucleare)

Session Classification: Data analysis

Contribution ID: 5

Type: **not specified**

Discussion

Friday, 11 November 2022 15:00 (1 hour)

Discussion on data analysis for further improvement

Presenter: ROSSI, Biagio (Istituto Nazionale di Fisica Nucleare)

Session Classification: Data analysis

Contribution ID: 7

Type: **not specified**

Welcome and introduction to the workshop

Friday, 11 November 2022 10:00 (10 minutes)

Saluti da ANTUR s.r.l. e I.N.F.N.

Session Classification: Welcome

Contribution ID: 8

Type: **not specified**

Mission & Outlook of ANTUR

Friday, 11 November 2022 10:10 (10 minutes)

Presenter: CONZA, Maria Luisa (Antur s.r.l.)

Session Classification: Welcome

Contribution ID: 9

Type: **not specified**

ANTUR Diet details

Friday, 11 November 2022 10:30 (20 minutes)

Presenter: CONZA, Maria Luisa

Session Classification: An introduction to Nutrition

Contribution ID: **10**

Type: **not specified**

Description of the BIA machine used for the data taking

Friday, 11 November 2022 10:20 (10 minutes)

Presenter: FORMICOLA, Nunzia

Session Classification: An introduction to Nutrition

Contribution ID: 11

Type: **not specified**

An introduction to Machine Learning

Friday, 11 November 2022 11:30 (20 minutes)

Presenter: ROSSI, Elvira (Istituto Nazionale di Fisica Nucleare)

Session Classification: Machine Learning applied to patients' BIA parameters

Contribution ID: 13

Type: **not specified**

SOM neural network and its application to Antur data

Friday, 11 November 2022 12:20 (20 minutes)

Presenter: ROSSI, Elvira (Istituto Nazionale di Fisica Nucleare)

Session Classification: Machine Learning applied to patients' BIA parameters

Contribution ID: 14

Type: **not specified**

ANTUR diet for Oncological Patiences

Friday, 11 November 2022 10:50 (10 minutes)

Presenter: CONZA, Maria Luisa

Session Classification: An introduction to Nutrition

Contribution ID: 15

Type: **not specified**

Discussion

Friday, 11 November 2022 12:40 (20 minutes)

Presenter: ROSSI, Biagio (Istituto Nazionale di Fisica Nucleare)

Session Classification: Machine Learning applied to patients' BIA parameters

Contribution ID: 16

Type: **not specified**

Results of the data analysis

Friday, 11 November 2022 14:30 (30 minutes)

We report preliminary results of the data analysis conducted on a sample of 9080 BIA's patients appointments

Presenter: ROSSI, Biagio (Istituto Nazionale di Fisica Nucleare)

Session Classification: Data analysis