



Certificate of attendance

We certify that **Ayrton Gouveia** (PROCC-Fiocruz) participated and presented the poster entitled "Evaluating new larvicides on the auto-dissemination approach with a mathematical mode" at the International Colloquium on Mathematical Modeling in Epidemiology held at the School of Applied Mathematics of Getulio Vargas Foundation, from August 14th - 17th, 2023.

Rio de Janeiro, August 17th, 2023.


César Camacho
FGV EMap Director


Claudio Struchiner
Chair



Certificate of attendance

We certify that **Daniel Csillag** (EMAp-FGV) participated and presented the poster entitled "OLIM: A system for efficient epidemiological monitoring with iterative machine learning" at the International Colloquium on Mathematical Modeling in Epidemiology held at the School of Applied Mathematics of Getulio Vargas Foundation, from August 14th - 17th, 2023.

Rio de Janeiro, August 17th, 2023.

César Camacho
FGV EMap Director

Claudio Struchiner
Chair



Certificate of attendance

We certify that **Eduardo Araújo** (PROCC-Fiocruz) participated and presented the poster entitled "Assessing and predicting the reproductive number of dengue in the presence of different virus serotypes in Foz do Iguaçu - Brazil" at the International Colloquium on Mathematical Modeling in Epidemiology held at the School of Applied Mathematics of Getulio Vargas Foundation, from August 14th - 17th, 2023.

Rio de Janeiro, August 17th, 2023.

César Camacho
FGV EMap Director

Claudio Struchiner
Chair



Certificate of attendance

We certify that **Gilberto Ramos** (EMAp-FGV) participated and presented the poster entitled "Proposal for a Model to improve predictability in a scenario of COVID-19 with Data Uncertainty in Rio de Janeiro" at the International Colloquium on Mathematical Modeling in Epidemiology held at the School of Applied Mathematics of Getulio Vargas Foundation, from August 14th - 17th, 2023.

Rio de Janeiro, August 17th, 2023.

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Certificate of attendance

We certify that **Juliano Genari** (USP) participated and presented the poster entitled "COMORBUSS, a bio-social agent model for disease propagation" at the International Colloquium on Mathematical Modeling in Epidemiology held at the School of Applied Mathematics of Getulio Vargas Foundation, from August 14th - 17th, 2023.

Rio de Janeiro, August 17th, 2023.


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FGV EMap Director


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Chair



Certificate of attendance

We certify that **Julie Santos** (EMAp-FGV) participated and presented the poster entitled "Physics-Constrained Deep Learning for Epidemic Modeling with Incomplete Data" at the International Colloquium on Mathematical Modeling in Epidemiology held at the School of Applied Mathematics of Getulio Vargas Foundation, from August 14th - 17th, 2023.

Rio de Janeiro, August 17th, 2023.


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