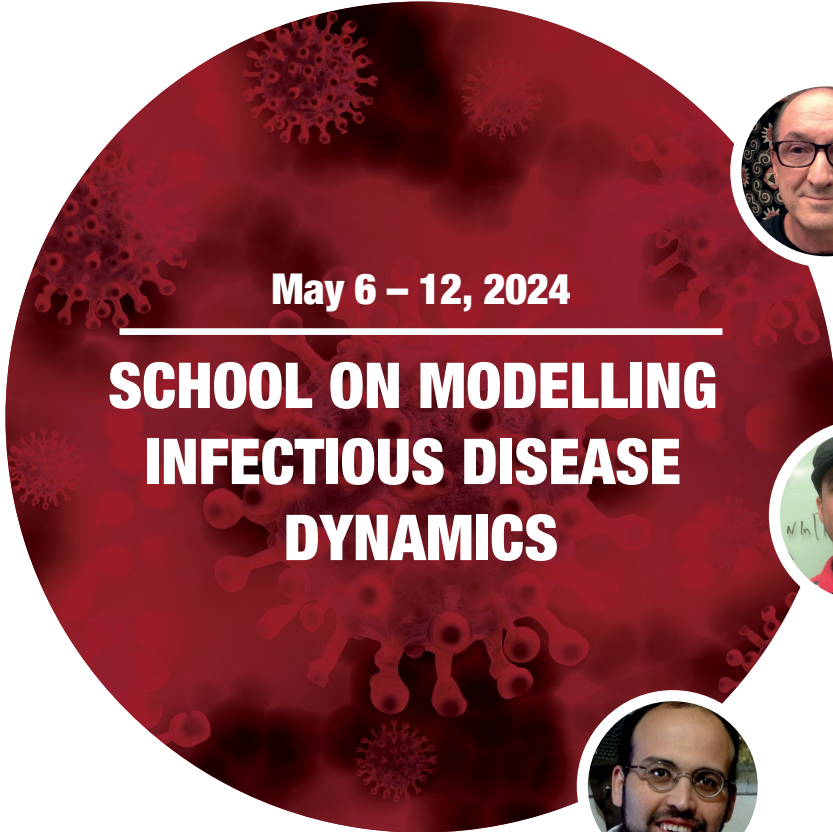




**ICTP** | International Centre for Theoretical Physics  
**SAIFR** | South American Institute for Fundamental Research

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The recent COVID-19 pandemic has demonstrated the power of modeling to support policymaking. However, most South American countries lack capacity in the field of modeling. This seven-day school will address how modeling allows us to use the health resources we currently have more efficiently, increasing their impact, improving people's well-being, and saving lives as a result. The school includes a course on epidemic models, on numerical treatment of models and on epidemiological data analysis, and will be focused on group work involving "hands-on" modeling challenges. There will be classes in the morning and group projects in the afternoon. Participants from all areas related to the subject are welcome to apply. Knowledge of basic differential calculus is required.

There is no registration fee and limited funds are available for travel and local expenses.

**Application deadline: March 17, 2024**

**Online application and more information:**  
[www.ictp-saifr.org/smidd2024](http://www.ictp-saifr.org/smidd2024)



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