



# 5th International Conference on Mathematical Modelling

## Conferencia

### Selección de Variables: Aplicaciones, Tendencias y Retos

Saúl Solorio Fernández  
Universidad Tecnológica de la Mixteca

October 20/9:30 am-10:30 am.

#### Access Links:

[https://events.zoom.us/j/AmBxqIGlksL70D-\\_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000](https://events.zoom.us/j/AmBxqIGlksL70D-_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000)



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### My favorite not-quite-probability distribution

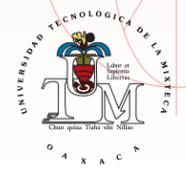
Nicole Yunger Halpern

Joint Center for Quantum Information and Computer Science, University of Maryland, USA

October 20/1 pm-2 pm

Access Links:

[https://events.zoom.us/j/AmBxqlGiksl70D-\\_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000](https://events.zoom.us/j/AmBxqlGiksl70D-_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000)



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## Conferencia

### Recomendadores de Netflix: una perspectiva desde la modelación matemática

Tomás Pérez-Becerra

Institute of Physics and Mathematics, Universidad Tecnológica de la Mixteca

October 20/4 pm-5 pm

Access Links:

[https://events.zoom.us/j/AmBxqlGksL70D-\\_4l69fRd4lB1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5l06Dg?lmt=1665696003000](https://events.zoom.us/j/AmBxqlGksL70D-_4l69fRd4lB1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5l06Dg?lmt=1665696003000)



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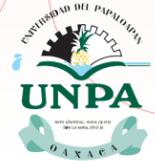
### Topological and Geometric Learning for Anomaly Detection and Forecasting

Ignacio Segovia-Domínguez  
Department of Mathematical Sciences University of Texas at Dallas, USA -Jet Propulsion

October 20/6 pm-7 pm

#### Access Links:

[https://events.zoom.us/j/AmBxqlGksL70D-\\_4l69fRd4lb1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5l06Dg?lmt=1665696003000](https://events.zoom.us/j/AmBxqlGksL70D-_4l69fRd4lb1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5l06Dg?lmt=1665696003000)



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### Multivariate Distorted Distributions

Jorge Navarro

Department of Statistics and Operations Research, Faculty of Mathematics,  
Universidad de Murcia, Spain

October 21/9 am- 10 am

Access Links:

[https://events.zoom.us/j/AmBxqIGlksL70D-\\_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000](https://events.zoom.us/j/AmBxqIGlksL70D-_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000)



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# 5th International Conference on Mathematical Modelling

## Conferencia

### The role of migration on the spread of infectious diseases

Lourdes Esteva P.

Faculty of Sciences, Department of Mathematics,  
Universidad Nacional Autónoma de México

October 21/1 pm-2 pm.

Access Links:

[https://events.zoom.us/j/AmBxqIGlksL70D-\\_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000](https://events.zoom.us/j/AmBxqIGlksL70D-_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000)



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# 5th International Conference on Mathematical Modelling

**Conferencia**  
**Entendiendo el desarrollo de las formas biológicas por**  
**medio de modelos matemáticos: La fractalidad de la**  
**coliflor como ejemplo**

**Eugenio Azpeitia**  
Centro de Ciencias Matemáticas, UNAM Campus Morelia

**October 21/4 pm-5 pm**

**Access Links:**

[https://events.zoom.us/j/AmBxqIGlksL70D-\\_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000](https://events.zoom.us/j/AmBxqIGlksL70D-_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000)



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**Modelos cinemáticos en robótica usando la teoría de tornillos**

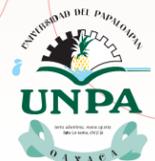
**Manuel Arias-Montiel**

Institute of Electronics and Mechatronics, Universidad Tecnológica de la Mixteca

**October 21/6 pm-8 pm**

**Access Links:**

[https://events.zoom.us/j/AmBxqIGlksL70D-\\_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000](https://events.zoom.us/j/AmBxqIGlksL70D-_4l69fRd4Ib1f75AaeMGE2wwRzbqGV8hTMI4C~AggLXsr32QYFjq8BIYLZ5I06Dg?lmt=1665696003000)



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