

## UniSysCat - Colloquium

Prof. Núria López

*Institute of Chemical Research of Catalonia*

Start Time: Wednesday, February 17, 2021 05:00 pm

End Time: Wednesday, February 17, 2021 06:00 pm

Online Colloquium

## Breaking Linear - Scaling Relationships in Catalysis and Electrocatalysis

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Electro-catalytic activity is often observed to follow a volcano shape depending on a descriptor of the catalytic material. Such behavior arises from the dependence between the binding energies of different species along the electro-catalytic cycles. In the talk, I will revise the origin of these linear scaling relationships and how the complexity of the catalyst can be fine-tuned to circumvent these limitations.

Prof. Dr. Beatriz Roldán Cuenya

Organizer