

Dynamic security region assessment

Objectives:

- To develop a method to estimate the post-contingency security region in a power system considering transient stability;
- To study the impact of Voltage Impasse Regions (VIR) on the dynamic security;
- To determine the severity of contingencies based on the estimated security regions.

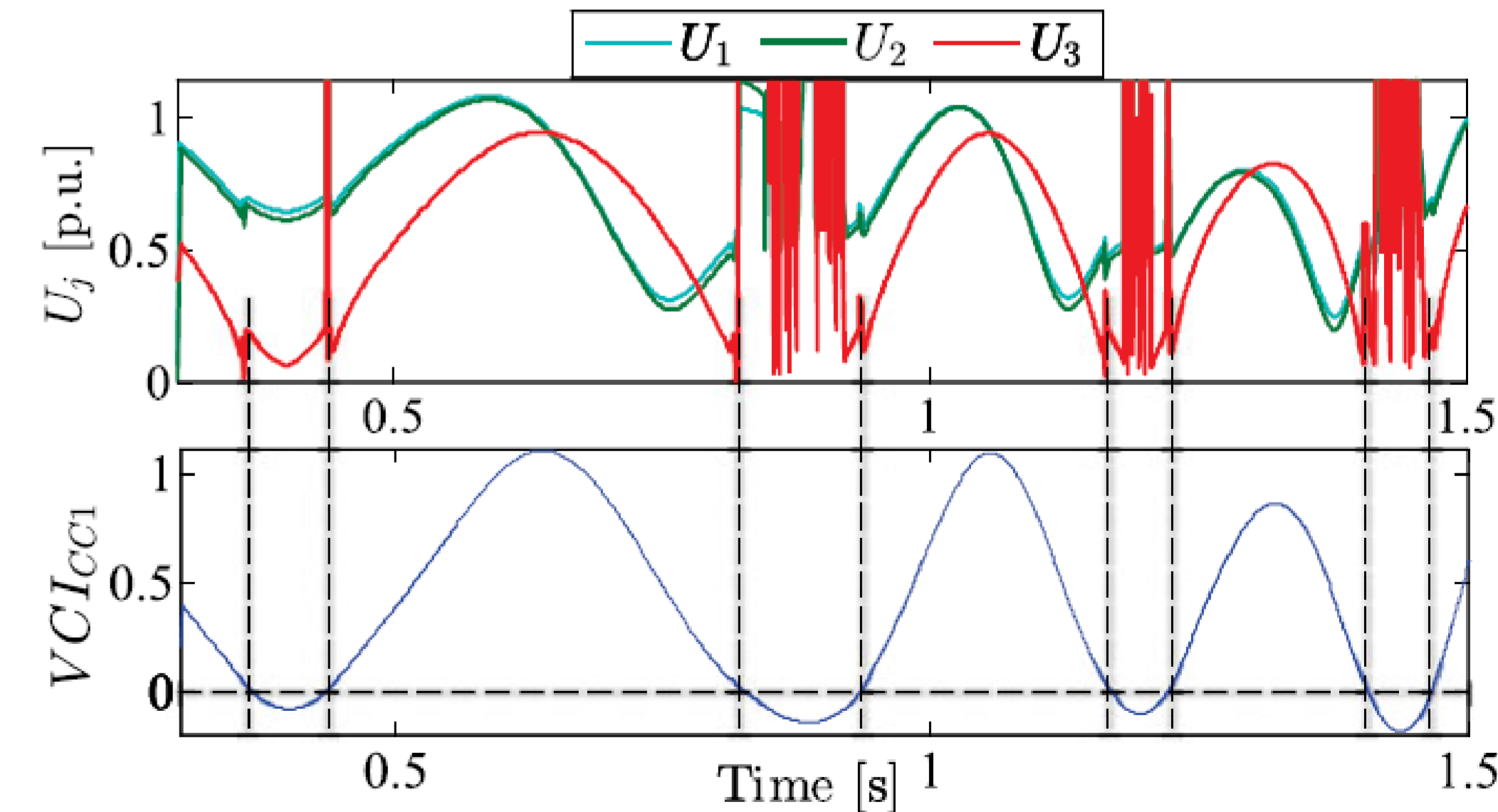
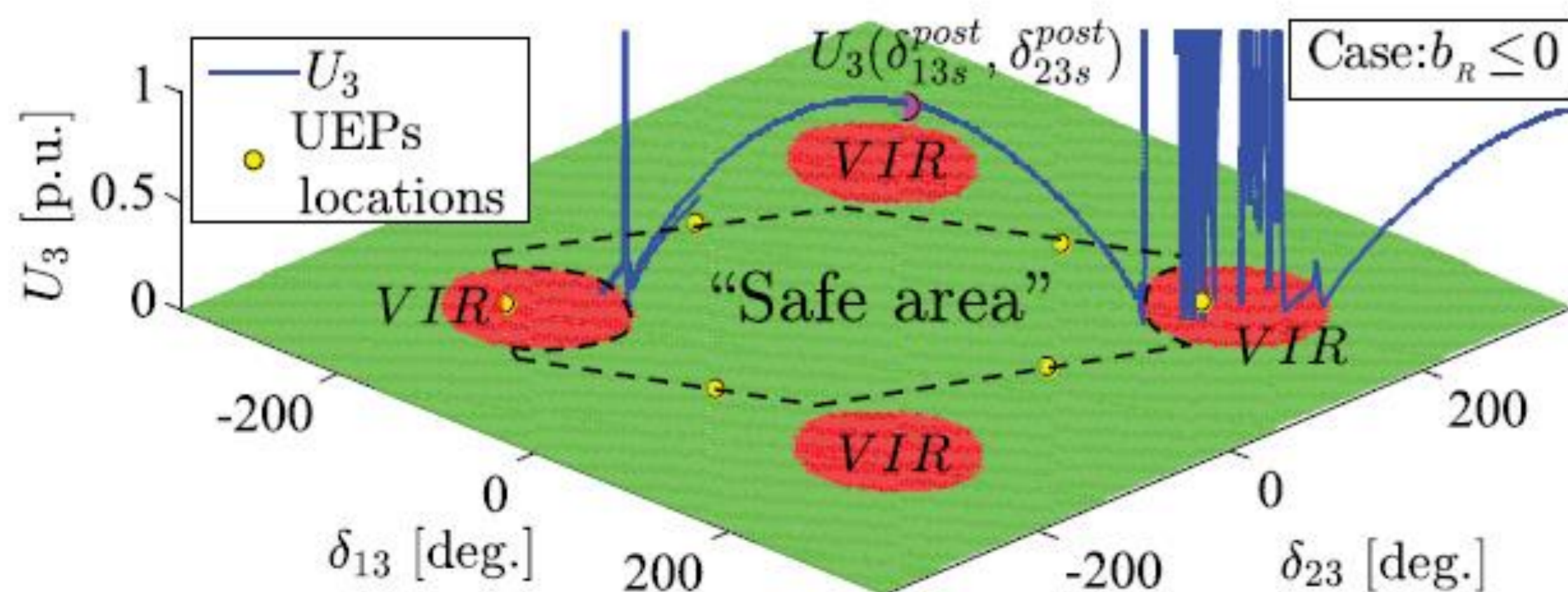


Marina Oluic
PhD Student

Department:
Electrical Power and
Energy Systems

Group:
Power System
Dynamics, operation,
and Control Research
Group

Contact Details:
oluic@kth.se



Project Period: 2012- 2019

Funded by: Erasmus Mundus SETS
programme (EACEA)