

**Name of the organization**

Forschungszentrum Jülich GmbH

Name of the infrastructure / laboratory

Institute of Energy and Climate Research / IEK-9: Principles of Electrochemistry

Address and country of the infrastructure / laboratory

Wilhelm Johnen Str, 52425 Jülich, Germany

Person responsible of the access / Contact person

L.G.J. de Haart

Phone / Fax / Web / Email

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Main field of activity of the infrastructure / laboratory

► Fuel Cells for stationary power and heat generation

Short description of the infrastructure / laboratory

Facility for single cell testing of Solid Oxide Fuel Cells / Single cell (ASC and/or ESC) dimensions: square 50x50 mmxmm or round diameter 20 mm / Testing with humidified (3%) hydrogen against air / Testing from 600 up to 900 °C

Main research area(s) of the infrastructure / laboratory

Electrochemical processes and materials for fuel cells, batteries and electrolyzers

Instruments and tools available for the above mentioned research

High temperature electrochemical test facilities for fuel cells, batteries and electrolyzers / Cyclic voltammetry, chrono-amperometry, impedance spectroscopy