



syngaschem BV

synthesis gas chemistry
fundamental research projects

5 years

Syngaschem BV may be your attractive industrial partner for joint projects (e.g. in European or international research programs), contract research, or for short courses in catalysis, and in scientific leadership development.

5

Years

Since the Start

3

Senior Research Scientists

Students & Postdocs

2

Research Grants

EU H2020 & CHIPP

Project NWO

60

Presentations

Conferences, Summer Schools
and Universities

In 2013, Yong-Wang Li, Synfuels China Technology, and Hans Niemantsverdriet, TU Eindhoven decided to build a new international laboratory for fundamental research, SynCat@Beijing, with a branch in Eindhoven. Syngaschem BV was established as Dutch SME to support recruitment of staff and buy instrumentation. Now it runs a small laboratory entitled SynCat@DIFFER, at the Dutch Institute for Fundamental Research, with projects on syngas, and electrolysis.

Five years after the start, the two SynCat laboratories are in full swing. Syngaschem's lab is staffed by three senior researchers: Kees-Jan Weststrate (Fischer-Tropsch Chemistry), Hans Fredriksson (syngas & hydrogen) and Foteini Sapountzi (electrolysis), collaborating with SynCat@Beijing, DIFFER, and universities in Europe and South Africa.

A comprehensive review on electrocatalysts for syngas and hydrogen production is freely available in Progr. Energy Comb. Sci. 58 (2017) 1-35 (open access!)

Syngaschem BV offers short courses in personal development, summarized in our book Scientific Leadership; Jan-Karel Felderhof and Hans Niemantsverdriet, DeGruyter, Berlin (price € 29,95).

24

Scientific Publications

Our Own Research

17

Scientific Publications

As Collaborating Partner

7

International Courses

Scientific Leadership
Development

1

Book

Scientific Leadership
www.scientificleaders.com

Visit our website at www.syngaschem.com

Contact us at info@syngaschem.com