

## **Zhiming Mao**

Oakville, ON | +1-905-870-7777, +86-1390-1212-264 | [z.mao@hotmail.com](mailto:z.mao@hotmail.com);  
[maozm@tsinghua.org.cn](mailto:maozm@tsinghua.org.cn) | Project management in Hydrogen & fuel cell since 2005

## **Experience**

**Sun Hydrogen Technology Inc** | General manager | Oakville, 2018 - present

- Hydrogen production via Metal Steam Pyrolysis, Jiangsu
- Hydrogen CHP container, Beijing

**Sino Hydrogen Technology Ltd** | General manager | Beijing, 2014 - 2017

- 200MW Wind to Hydrogen PTG project, Jilin
- Vehicle used PEMFC and air compressor, Shenzhen / Fujian

**China Association for Hydrogen Energy** | Project manager | Beijing, 2005 - 2013

- 6M HCNG engine with Yuchai
- 300 kNm3/day HCNG fueling station and HCNG truck operation, Shanxi
- 50kW PEMFC power vehicle / 175kW PEMFC stationary power station, Beijing
- WHEC 2000, Beijing; WHTC 2013, Shanghai

## **Education**

- BEng Computer Science, Tsinghua University, Beijing, 2002

## **Certificates**

- TSSA Gas Technician G2, Ontario, 2024
- EEC Galileo Master Certificate on Hydrogen Energy, 2021
- China New Energy Senior Engineer, 2019

## **Publications**

- Hydrogen production process and technology, 2018
- Natural gas pipeline transportation technology, 2017
- Hydrogen production and its thermochemical applications, 2013

## **Standards**

- Hydrogen and compressed natural gas (HCNG) blended as vehicle fuel (GB/T 34537-2017)
- Hydrogen fuel cell power supply system for telecommunications (YDB 051 2010)