**Nabídka spolupráce v oblastech: waste/environmental management, clean energy, electrochemistry, agricultural waste**

1)      **National Cheng Kung University**

I am an assistant professor in Environmental Management.

Recently, my research focuses on the management of waste and resources and identification of opportunities to develop industrial symbiosis.My specializations related to waste management include economic modelling for waste generation and flow pathways, data visualization of wastes, and the stock and flow analysis of resources.

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 2)      **Feng Chia University**: Many thanks for your interest on our research. I am enclosed with a tentative proposal in the attached file for the potential opportunity of cooperation. In fact, our research theme is clean energy and green environment, applying the expertise of Catalysis and Electrochemistry. In the past, we worked on converstion of biomass and municipal waste to fuel, generation of electricity from waste water via Fuel Cell or an electrolysis cell, and so on.

We are actively looking for people whose expertise are in material synthesis/ modification (especially on electrode or microporous film), electrochemistry (sensor and characterization), or combustion engine (for hydrogen or natural gas). We hope to integrate mutual strengths and make a solid contribution.

**Více podrobností o projektu se nachází v příloze.**

Andrew C. Chien (簡彰胤), Assistant Professor, Department of Chemical Engineering, Feng Chia University, Tel: 886-4-24517250 Ext. 3691, 100 Wenhwa Rd. Seatwen, Taichung, Taiwan 40724, "簡彰胤" <cyinchien@fcu.edu.tw>

3**)  Feng Chia University** (zasláno 28/01/2021) In recent years, my works have been mainly in the use of thermochemical methods to recycle agricultural waste (lignocellulosic waste) and to resource and energy some difficult-to-dispose waste (PU, foamed-polymers, composite waste).

The main core technology is the integration of liquid phase reforming, pyrolysis, , gasification, catalytic reaction, and reactor design. My current working partner outside the campus is also interested in planning and developing the demonstration field in related processes, thus we will also try to do some business evaluation as well: Professor Chang: acchang@fcu.edu.tw