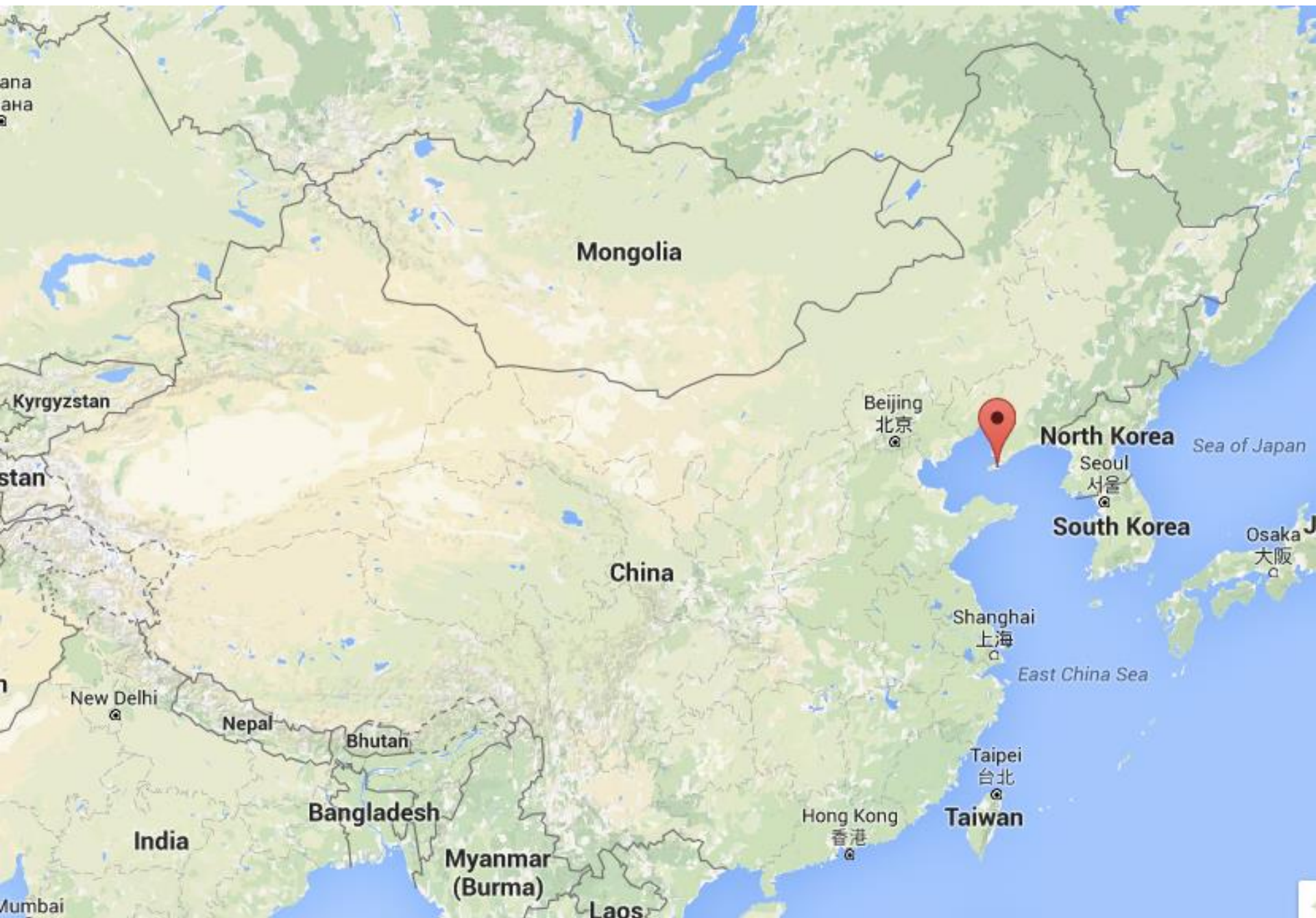


International Experience China 2015



Mat Wymore
WESEP/ECpE





Where/What



- Dalian University of Technology
 - Two months at the School of Software



How did I get the opportunity?

- Worked with visiting professor from DUT
- Colleagues of my professor
- Ongoing project I could help with
- Plenty they could help me with
- Other wind activities

How did I get to China?

- Applied to Dr. McCalley/WESEP with a letter
- Applied for visa in Chicago
- Got flights through Barb



How did I survive in China?

- Everyone at DUT spoke English
- Housed in visiting scholar apartments
- The food was good



Research

- Mutual benefit arrangement
- Helped them with an acoustic sensor network project
- Helped me develop ideas that will be part of my dissertation
- Got some practical experience

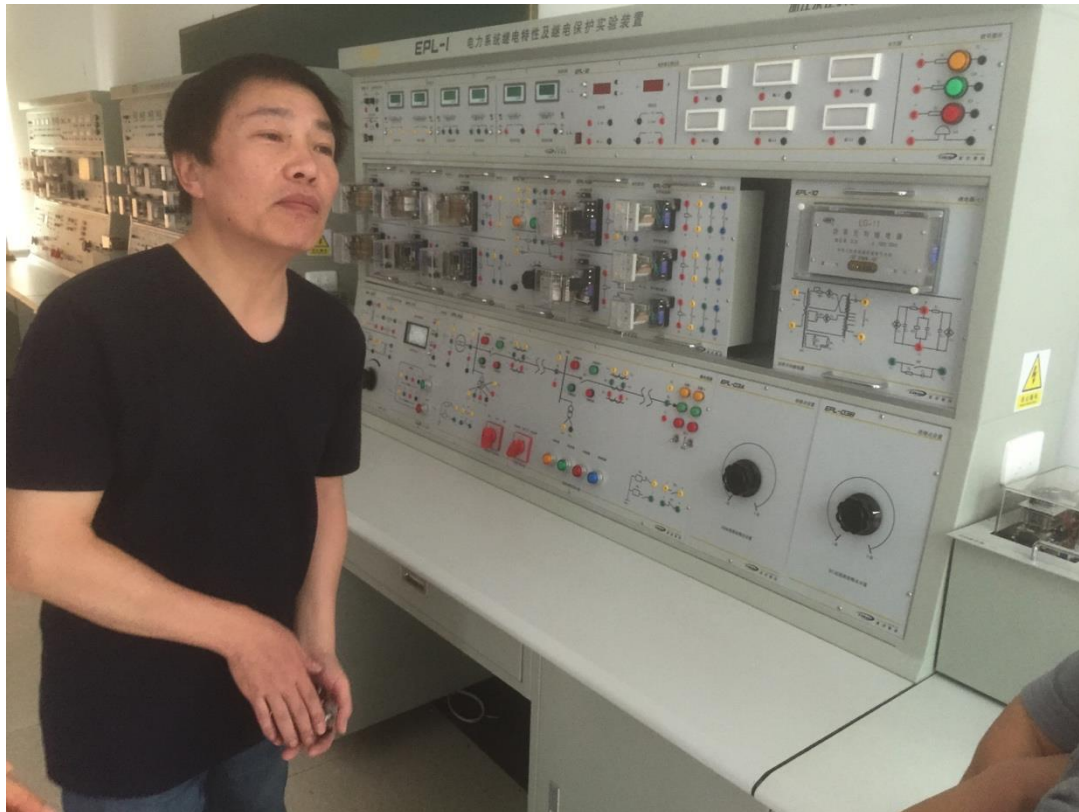
Outcomes

- Their project => paper accepted at major communications conference
- My project => paper in progress => dissertation
- Connections



Other activities

- Toured and talked with DUT's power systems department



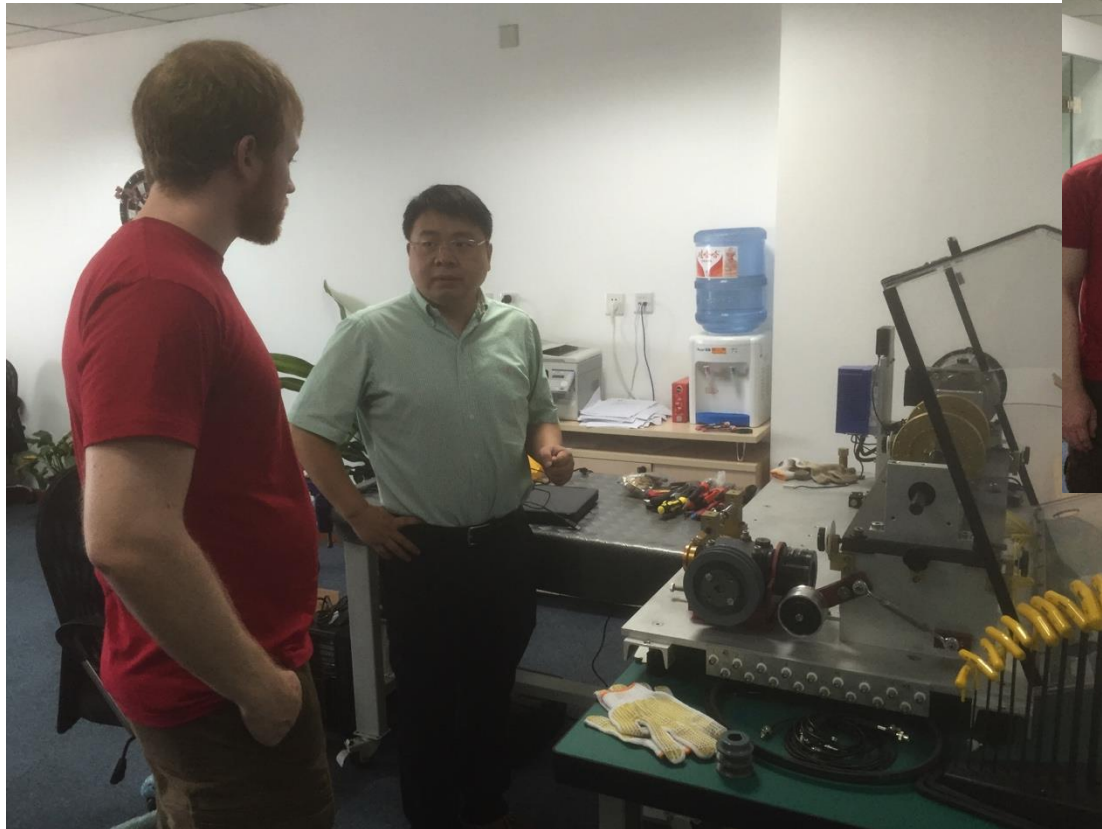
Other activities

- Visited Northwestern Polytechnical University



Other activities

- Visited SpectraQuest's Shanghai office



Activities that didn't work out

- Wind farm visit (freak accident)
- CWEA (nonresponsive)

Conclusions

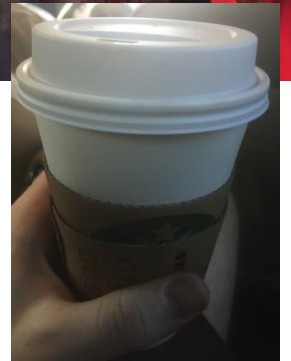
- Opportunities come from all directions
- Planning ahead could have been better
- Just being there is beneficial
- Connections are the most important result

China's wind industry

- Similarities to U.S.:
 - Growing (20 GW installed in 2014)
 - Production/consumption geographic mismatch
- Differences from U.S.:
 - Offshore growth
 - State-owned manufacturers
 - Eminent domain is not an issue
 - Quantity, not necessarily quality
 - Environmental issues are visible

Dalian





Shanghai



North Korean border (Dandong)







Beijing







