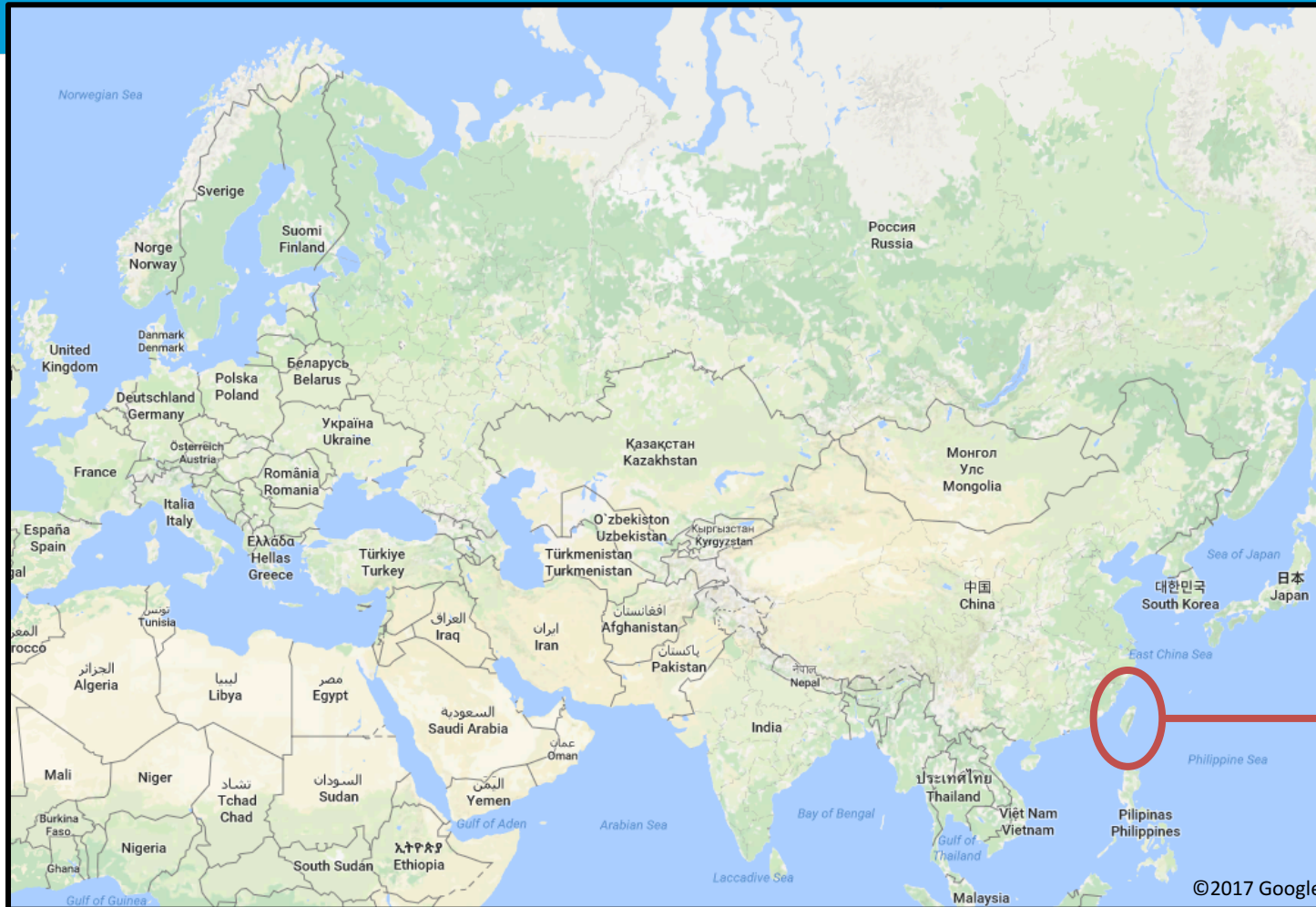


# Monthly DG Meeting

Dr. Chung-Chuan Lai  
Coatings Engineer  
Detector Group  
(*Chung-Chuan.Lai@esss.se*)

[www.europeanspallationsource.se](http://www.europeanspallationsource.se)

1 September, 2017



Taiwan



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國立清華大學  
NATIONAL TSING HUA UNIVERSITY

'06 – '11 B.Sc. in Materials Science and Engineering  
National Tsing Hua University, Taiwan



國立清華大學  
NATIONAL TSING HUA UNIVERSITY

'09 – '11 M.Sc. in Materials Science and Nanotechnology  
Linköping University, Sweden



Linköpings universitet

'11 – '12 Substitute Military Service  
Tainan City Government, Taiwan

'13 – '17 Ph.D. in Materials Science and Thin Film Physics  
Linköping University, Sweden

**li.u** LINKÖPING  
UNIVERSITY

'17 (Aug.) Coatings Engineer, Detector Group Workshop,  
ESS, Sweden



Research projects related to:

- Thin film depositions
  1. **Magnetron sputtering**
  2. Cathodic arc deposition
- Transition metal carbides and nitrides
  - Nanolaminated carbides
- Amorphous carbon / Fullerene-like carbon
- Thin film characterization

Currently working in Detector Group Workshop in Linköping.

- Production of requested coatings
- Development of deposition process

