

CRIAQ-CRD Water Erosion Resistant Surface Treatments
Research team meeting – Feb 19th, 2013 at 9:30 am
Place: Ecole Polytechnique Room: B573

Agenda

Attendees:

Rolls-Royce: Pawel Jedrzejowski

Concordia University: Mamoun Medraj, Ali Dolatabadi, Dmytro Kevorkov, Mohsen Najafi (PhD student), Wei (Alex) Chen (PhD student), Mohammad Sadegh Mahdipoor (PhD student) and Dina (Madina) Ma (MAsc)

ETS: Nelly Kamkar (PhD student)

Polytechnique: Jolanta-Ewa Sapiuha, Oleg Zabeida and Ganesh Kamath (PhD student)

MDS: Simon Durham

- 1) Rolls-Royce LIE objectives in 2013 (Pawel - 15 min)
- 2) Ecole Polytechnique
Superhard nanocomposite coatings (Ganesh – 15 min)
- 3) ETS
Effects of substrate microstructure and stress (Nelly – 15 min)
- 4) Concordia
 - a. Water impingement modeling (Mohsen – 15 min)
 - b. Multilayer coatings (Alex – 10 min)
Composite coatings (Alex – 10 min)
 - c. Nitriding (Mohammad – 15 min)
 - d. Burnishing (Madina – 15 min)
- 5) Lunch
- 6) Visit to the laboratories