

CURRICULUM VITAE



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Research interests

- Corrosion protection of metals by polymer nanocomposite coatings
- Green corrosion inhibitors for organic coatings based on
- Degradations of organic coatings under tropical conditions

Education

- Engineer in chemistry, Chemical Technology Institute in Prague, Czech , 1983
- PhD in Materials Science, Institut National Polytechnique de Toulouse, 1997.

Professional experience:

- 5/2015- : Senior researcher, head of Excellent center of metal protection and electrochemistry of Institute for Tropical Technology
- 12/2009-5/2015: Deputy director of Institute for Tropical Technology
- 1/2002-2/2015: Director of Laboratory for Protective coatings
- 1984-2002: Researcher of Institute for Tropical Technology

Publications in last 10 years

1. To Thi Xuan Hang, Nguyen Tuan Anh, Trinh Anh Truc, Bui Van Truoc, Thai Hoang, Dinh Thi Mai Thanh, Siriporn Daopiset, Synthesis of 3-glycidoxypropyltrimethoxysilane modified hydrotalcite bearing molybdate as corrosion inhibitor for waterborne epoxy coating, J. Coating Technology and Research, 13 (5) 805–813, 2016.
2. Trinh Anh Truc, Nguyen Thu Trang, To Thi Xuan Hang, Thai Thu Thuy, Nguyen Xuan Hoan, Nguyen Anh Son, Maëlénn Aufray, Nadine Pébère, Improvement of adhesion and anticorrosion properties of an organic coating on steel by incorporation of an indol-3 butyric acid modified nanomagnetite, J. Coating Technology and Research, 13 (3), 489-499, 2016.
3. Nguyen Thuy Duong, To Thi Xuan Hang, Arnaud Nicolay, Yoann Paint, Marie-Georges Olivier, Corrosion protection of carbon steel by solvent free epoxy coating containing

- hydrotalcites intercalated with different organic corrosioninhibitors, *Progress in organic coatings*, 101, 331–341, 2016.
4. To Thi Xuan Hang, Ngo Thanh Dung, Trinh Anh Truc, Nguyen Thuy Duong, Bui Van Truoc, Pham Gia Vu, Thai Hoang, Dinh Thi Mai Thanh, Marie-Georges Olivier, Effect of silane modified nano ZnO on UV degradation of polyurethane coatings, *Progress in organic coatings* 79, 68-74, 2015.
 5. To Thi Xuan Hang, Nguyen Thuy Duong, Trinh Anh Truc, Thai Hoang, Dinh Thi Mai Thanh, Siriporn Daopiset, Anothai Boonplean, Effects of hydrotalcite intercalated with corrosion inhibitor on cathodic disbonding of epoxy coatings, *Journal of Coatings Technology and Research*, 12, 375-383, 2015.
 6. To Thi Xuan Hang, Trinh Anh Truc, Nguyen Thuy Duong, Pham Gia Vu, Thai Hoang, Preparation and characterization of nanocontainers of corrosion inhibitor based on layered double hydroxide, *Applied Clay Science*, Volume 67-68, 18-25, 2012.
 7. To Thi Xuan Hang, Trinh Anh Truc, Nguyen Thuy Duong, Nadine Pébère, Marie-Georges Olivier, Layered double hydroxides as containers of inhibitors in organic coatings for corrosion protection of carbon steel. *Progress in Organic Coatings*, 74, 343–348, 2012.
 8. To Thi Xuan Hang, Trinh Anh Truc, Marie-Georges Olivier, Catherine Vandermiers, Nathalie Guerit, Nadine Pebere, Corrosion protection mechanisms of carbon steel by an epoxy resin containing indole-3 butyric acid modified clay, *Progress in Organic Coatings*, Volume 69, 410-416, 2010.
 9. Trinh Anh Truc, To Thi Xuan ang, Vu Ke Oanh, Eric Dantras, Colette Lacabanne, Djar Oquab, Nadine Pébère, Incorporation of indole-3 butyric acid modified clay in an epoxy resin for corrosion protection of carbon steel, *Surface and Coatings Technology*, Volume 202, Issue 20, 4945-4951, 2008.
 10. To Thi Xuan Hang, Trinh Anh Truc, Truong Hoai Nam, Vu Ke Oanh, Jean-Baptiste Jorcin, Nadine Pébère, Corrosion protection of carbon steel by an epoxy resin containing organically modified clay, *Surface and Coatings Technology*, Volume 201, 7408-7415, 2007.