

Dr. SRASRA Mondher



**Born on February 20th 1976 at Tunis
Tunisia**

Professional address: Centre National en Recherche en Sciences des Matériaux "CNRSM"
Technopole Borj-Cédria-Route Touristique Soliman BP-273,
8020 Soliman
Tunisie

Email : mondher.srasra@gmail.com

Phone: 00216 25 537 586

Current position:

- **Since 10-2011... Researcher in the Centre National en Recherche en Sciences des Matériaux "CNRSM" Tunis, Tunisia.**

Research areas:

- Synthesis, characterization and applications of novel catalytic materials and adsorbents.
- Catalysis heterogeneous and homogeneous.
- Green chemistry.
- Analytic chemistry.
- Spectroscopic characterization.

Past:

- **7-2010 to 9-2011 Researcher in the Centre for Surface Chemistry and catalysis KULeuven & TAMINCO Company, Belgium.**
 - *Team leader for the development implantation of a new process for the amination of diols.*

Keywords: High pressure liquid phase reactor installation, Gas phase reactor installation, zeolite catalysts, Nickel on activated carbon catalysts, GC and GC-MS analysis.

- **6-2007 to 6-2010** **Researcher in the Centre for Surface Chemistry and catalysis KULeuven & TAMINCO company, Belgium.**
 - *Team leader for the development and implantation of a new process for amines carbonylation based on homogeneous catalytic system.*
 - Keywords: High pressure liquid phase reactor installation, homogeneous catalytic system, ionic liquid, in-situ ATR-IR, GC and GC-MS analysis, Scale up.*

- **9-1999 to 8-2000** **Technical and commercial service in Adly Chemic Tunisia.**
 - *Dow polymers and polyurethane.*

Education:

- **7-2008** **Phd in catalysis and materials**
Unité de catalyse et chimie des matériaux divisés (UCL, Belgium)
 - *Subject: Preparation of basic catalysts by nitridation of Y zeolites.*
 - Keywords: Catalysis, materials, IR, X-ray photoelectron spectroscopy, XRD and Nitrogen physisorption.*

- **9-2004** **Master in catalysis**
Unité de catalyse et chimie des matériaux divisés (UCL, Belgium)
 - *Subject: Nitruration des solides micro et méso poreux cristallins.*
 - Keywords: Catalysis, materials, IR, X-ray photoelectron spectroscopy, XRD and Nitrogen physisorption.*

- **9-2002** **Master in analytical chemistry**
Faculté des sciences Tunis (Université Tunis el Manar, Tunisia)
 - *Subject: Analyse par chromatographie gazeuse des résidus des pesticides organochlorés dans des matrices biologique.*
 - Keywords: GC and GC-MS, liquid and solid extraction.*

- **6-2000** **Bachelor degree in chemistry**
Faculté des sciences Tunis (Université Tunis el Manar, Tunisia)
 - Keywords: Organic chemistry, Inorganic chemistry, Spectroscopy, Analytical chemistry.*

Selected publications:

- **Mondher Srasra**, Stéphanie Delsarte, Eric M. Gaigneaux, Nitrided zeolites: A spectroscopic approach for the identification and quantification of incorporated nitrogen species, *Journal of physical chemistry C*, 114 (2010) 4527.
- **Mondher Srasra**, Stéphanie Delsarte, Eric M. Gaigneaux, Effects of nitridation of Y and USY zeolites on their catalytic activity for the base catalyzed Knoevenagel condensation, *Topics in catalysis*, 52 (2009) 1541.

Patents:

- **M. Srasra**, P. Jacobs, B. Sels, M. Tielen, K. Moonen, P. Roose, I. Vanden Eynde., Process for preparing secondary amides by carbonylation of tertiary amine, EP 2 189 441 A1, US20100130785A1.

Languages:

- Arabic (Native speaker).
- French (Fluent).
- English (Fluent).
- Dutch (Beginner).