

## LIST OF CONFERENCES

**2003**

**1- The evolution of the notion of valence: from periodicity to versatility**

6<sup>th</sup> Quantum chemistry days, May 17-18, 2003, Constantine, Algeria,

**2- The notion of valence in Chemistry: from the Big – Bang à to versatility**

1<sup>st</sup> Franco-Syrian days of chemistry, November 29- December 3, 2003, Homs, Syria.

**2004**

**3- Atomic valence, from periodicity to versatility**

June 2004, Sevilla, Spain,

**4- Theoretical study of the potential surface describing oxidative addition of H<sub>2</sub>O on PF<sub>2</sub>H., XXX<sup>th</sup> Congress of CHITEL, September 8-12, 2004, Porto, Portugal**

**2005**

**5- Metastable equilibrium versus Thermodynamics, Kinetics and Quantum controls**

2<sup>sd</sup> Franco-Syrian days of chemistry, March 9-13, 2005, Toulouse, France

**6- Hidden phenomena and student incomprehension of Science fundamental laws**

Satellite symposium of the 40<sup>th</sup> IUPAC congress, physical chemistry: Education and challenges, August 8-11, 2005, Xi'an, China

**7- A New Valence Dependent Teaching Tools in Chemistry**

40<sup>th</sup> IUPAC Congress, August 14-19, 2005, Beijing, China

**2006**

**8- Matter structure: From experimental interpretation to conceptual description**

1<sup>st</sup> Tunisian Olympiads of chemistry, City of Sciences, March 23, 2006, Tunis, Tunisia,

**9- The chemical reaction and catalysis**

1<sup>st</sup> Carthage international school of theoretical chemistry and Physics. March, 22-26, 2006, Tunis, Tunisia

**10- Quantum control in chemistry**

1<sup>st</sup> International symposium of theoretical chemistry, June 1, 2006, Algiers, Algeria,

**11-Chemical reactivity** (Course of Master), June 2006, Constantine, Algeria

**12- The classification, a powerful tool of rationalization**

10<sup>th</sup> Meeting of francophone chemists theorists, July 10-13, 2006, Nancy, France

**13-The Spin: Utility, Use and description**

XXXII<sup>th</sup> Congress of CHITEL, 1-6 September, 2006, Côtes de Carthage, Tunisia

**2008**

**14-Top-Down and Bottom-up approaches on spectroscopy use as metrological tool for Carbon Nanotubes**

1<sup>st</sup> Workshop USA-North Africa on nanostructured materials and nanotechnologies, March 17-21, 2008,

**15- Top-Down and Bottom-up approaches for Doped Carbon Nanotubes**

2<sup>sd</sup> International Symposium of Theoretical Chemistry ISTC2, May 30- June 1, 2008 Algiers, Algeria

**16- Carbon nanotube, the first compound of a new carbon materials family**

International Conference on materials discovery and databases: Materails Informatics and DFT, October 11-13, 2008, Oran, Algeria,

**17- Theoretical Study of some Carbon Allotropic Forms**

North-African conference on computational physics and chemistry 2008, November 23, 2008, Sidi Bel Abbes, Algeria

**2009**

### **18- Nanotechnologies for Health**

Pharmaceutical horizons, February 14, 2009, Sousse, Tunisia

### **19-Reticular chemistry**

1<sup>st</sup> International School of Quantum Modeling of Surfaces and Nanomaterials, 16-18 July, 2009, Tunis, Tunisia

### **20-Introduction in nanochemistry and its applications for Carbon Nanotubes CNTs**

September 21, 2009, Thessalonikis, Greece

**2010**

### **21- New behaviors of molecules confined in carbon nanotubes**

3<sup>rd</sup> Tunisian days for nanosciences and nanotechnologies, July 29-31, 2010, Sousse, Tunisia.

### **22-New behavior of molecules confined in carbon nanotubes**

The 1<sup>st</sup> Conference in chemistry, October 25–27, 2010, Damascus, Syria

### **23- New behavior of molecules confined in carbon nanotubes**

North African Conference on Computational Physics and Chemistry, Humboldt Kolleg, December 12-14, 2010, Sidi Bel-Abbes, Algeria

**2012**

### **24- Controlling drug efficiency by encapsulation into carbon nanotubes: A theoretical study of the antitumor Cisplatin and the anti-HIV TIBO molecule**

TACC-2012, the conference on theory and applications of computational chemistry, 2-7 September, 2012, Pavia, Italia

### **25-Theoretical studies of nanotubes and nanohorns as drug vectors**

3<sup>rd</sup> International symposium of theoretical chemistry ISTC2012, October 14-17, 2012 Algiers, Algeria

**2014**

### **26- Confinement inside carbon nanotubes**

Seminar Utinam Institute, University of Franche-Comté, February 6, 2014, France,

### **27- Confinement in nanostructured carbon materials**

NANOTECH MEET TUNISIA, April 24 – 26, 2014 | Hammamet – Tunisia

**2015**

### **28- Free and encapsulated (TiO<sub>2</sub>)<sub>2</sub> dimers into carbon nanotubes**

17<sup>th</sup> International conference on mathematical and computational chemistry, June 15-16, 2015, Toronto, Canada

**2016**

### **29- The vectorization of drugs by grafting and encapsulation**

2<sup>nd</sup> workshop on nanostructured materials and nanotechnologies, May 22-24, 2016-Sousse, Tunisia

### **30- Confinement inside nanostructured materials**

International Congress « Investigations of biomolecular systems : Interplay between theory and experiment », November 25-26, 2016, Sousse, Tunisia

**2017**

### **31- Theoretical investigations of CO<sub>2</sub> capture by amines supported materials**

8th International symposium NANOPOROUS MATERIALS-VIII (NANO-8), July 9-12, 2017, Ottawa, Ontario, Canada,

**2018**

### **32- Nanocontainment, an alternative gas storage process**

9th National congress of the Algerian society of chemistry, May 8-10, 2018, Algiers, Algeria