

**Information about scientific supervisor
of Anna FOMCHENKO**

Title of the thesis :

ENGLISH : "EXPANDED" LOCAL MODE APPROACH AND ISOTOPIC EFFECT IN POLYATOMIC MOLECULES.

FRANCAIS : APPROCHE DU MODE LOCAL "ETENDU" ET EFFET ISOTOPIQUE DANS DES MOLECULES POLYATOMIQUES.

Université de Bourgogne, Laboratoire Interdisciplinaire Carnot de Bourgogne, Ecole Doctorale Carnot. Conseil Scientifique du 30 septembre 2011.

Name: Claude André LEROY.

Nationality: French citizenship.

Diploma: Doctorat (PhD in Physics) in 1991
HDR = Habilitation à Diriger des Recherches (equiv. State Doctorat) in 2008.

Position: Full Professor of the Universities.

Place of work: Prof. Claude LEROY, UMR CNRS 6303, Laboratoire Interdisciplinaire Carnot de Bourgogne, 9 avenue A. Savary, Université de Bourgogne, 21078 Dijon, Cedex, France.
Etablissement d'Enseignement Supérieur, Université de Bourgogne.
UMR CNRS 6303, ICB = Laboratoire Interdisciplinaire Carnot de Bourgogne.

Publications (only the five last years from 2009 to 2014) :

- ACL01 O.N. Ulenikov, E.S. Bekhtereva, A.L. Fomchenko, A. G. Litvinovskaya, **C. Leroy** and M. Quack, "On the 'expanded local mode' approach applied to the methane molecule: isotopic substitutions $\text{CH}_3\text{D}\leftarrow\text{CH}_4$ and $\text{CHD}_3\leftarrow\text{CH}_4$ ". accepted in *Molecular Physics* doi.org/10.1080/00268976.2014.912360. (2014).
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Prof. Claude LEROY



**Сведения о научном руководителе
Анны Фомченко**

Диссертация:
ИССЛЕДОВАНИЕ ЭФФЕКТА ИЗОТОПОЗАМЕЩЕНИЯ В МОЛЕКУЛАХ,
УДОВЛЕТВОРЯЮЩИХ "РАСШИРЕННОЙ" МОДЕЛИ ЛОКАЛЬНЫХ МОД.

Университет Бургундии, Междисциплинарная Лаборатория Карно Бургундии, Высшая школа Карно. Ученый совет от 30 сентября 2011 года.

Имя: Клод Андре Леруа.

Гражданство: гражданин Франции.

Диплом: PhD (доктор физики) в 1991
HDR = Разрешение на руководство исследовательской работой (эквивалентно степени доктора) в 2008.

Должность: Профессор университета.

Место работы: Профессор Клод Леруа, UMR CNRS 6303, Laboratoire Interdisciplinaire Carnot de Bourgogne, 9 avenue A. Savary, Université de Bourgogne, 21078 Dijon, Cedex, France.
Учреждение высшего образования, Университет Бургундии.
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Профессор Клод Леруа
/подпись/
/Печать: Междисциплинарная
Лаборатория Карно Бургундии
ICB UMR 6303 CNRS
UNIVERSITÉ DE BOURGOGNE
UFR Sciences et Techniques
Bât. Mirande - BP 47870
21078 DIJON Cedex



ИЗДАНО ВЕРЕН
НАЧАЛЬНИК УМС ТТУ
ИЗДАНО И.В.
[Handwritten signature]