



Centrum Studiów Zaawansowanych Politechniki Warszawskiej
Center for Advanced Studies Warsaw University of Technology



PROGRAM ROZWOJOWY
POLITECHNIKI WARSZAWSKIEJ

WARSAW UNIVERSITY OF TECHNOLOGY DEVELOPMENT PROGRAMME

CAS VISITING LECTURES SERIES

*Center for Advanced Studies WUT
invites to the series of „CAS visiting lectures 2013”*

Dr. Celia Fonseca Guerra

Department of Theoretical Chemistry, Vrije Universiteit, the Netherlands

presents the lectures on

UNDERSTANDING HYDROGEN BONDS IN DNA BASE PAIRS AND QUARTETS WITH THE AMSTERDAM DENSITY FUNCTIONAL PROGRAM

1. The nature of the hydrogen bond in DNA base pairs - 3 June 2013
9:15 am, lecture hall 29, Chemistry Building /Noakowskiego Street 3, Warsaw/

2. DNA replication - 4 June 2013
1:00 pm, Audytorium Czochralskiego, Chemical Technology Building
/Koszykowa Street 75, Warsaw/

3. Nanoswitches based on DNA base pairs - 5 June 2013
1:15 pm, Audytorium Średnie, Chemical Technology Building
/Koszykowa Street 75, Warsaw/

**4. Understanding cooperativity in hydrogen bonds
of guanine quartets** - 7 June 2013
1:15 pm, lecture hall 350A, Chemistry Building /Noakowskiego Street 3, Warsaw/

**STRUCTURE AND STABILITY OF B-DNA AND G-DNA.
EXPLORATION AND INSIGHT FROM QUANTUM CHEMISTRY-** 6 June 2013
6:00, Warsaw Division of Polish Chemical Society
/Freta Street 16, Warsaw, the second floor/

**For more detailed information please visit our website:
www.csz.pw.edu.pl**

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