

ال ج م و ب ر ية ال ح ز ائ ر ية ال د م ق ر اط ية الش ع ب ية

République Algérienne Démocratique et Populaire
Ministère de l'Enseignement Supérieur et de la Recherche Scientifique

Université Abderahmane Mira -Bejaia
Faculté des Sciences Exactes



Spécimen: *Rapport de stage / Internship report*

*** Le stagiaire / Trainee**

Nom: HAMDELOU

Prénom: HILAL

Grade: Etudiant de Doctorat

Faculté: Des Sciences Exactes

*** Le stage / The internship**

Lieu: International Centre for Theoretical Physics (ICTP), Trieste, Italy.

Période du stage: un mois de 05/09/2017 – 04/10/2017.

Objectifs: Discusion the preliminary results and performing more advanced numerical simulations.

*** Déroulement du Stage / Internship progress**

The very good scientific atmosphere provided by the ICTP made me benefit from this visit the following:

- Perform more advanced numerical tasks that require powerful computing facilities, which are available at the ICTP.
- End and discuss the preliminary results.
- Start another research project.
- Attendance of many scientific activities organized by the ICTP from seminars and lectures.
- Attend courses with "Diploma students" (High Energy, Cosmology and Astroparticle Physics section) for three-week in two courses:
 - * Relativistic Quantum Mechanics.
 - * Lie Groups and Lie Algebras.

Access to the various scientific references provided by the ICTP either through the Internet or its library.

*** Résultats obtenus au cours de Stage / Results obtained during Internship**

- Start writing a paper draft that summarizes different results.

Sceau de l'Organisme d'Accueil du Stage **Seal of the Internship Host Organization**

The Abdus Salam
International Centre for Theoretical Physics
Strada Costiera, 11 - 34151 Trieste - Italy
www.ictp.it

Signature du bénéficiaire du stage **Signature of the trainee**

