

**INTERNSHIP DEFENSE**  
**January 18th, 2019**

**Venue:** LPC Caen, salle G.Iltis

**Jury:** Prof.F.Gulminelli (University of Caen), Prof.J.Arias (University of Sevilla), Prof.S.Romano (University of Catania), Prof.J.M.Udias (Complutense University of Madrid)

**Morning schedule:**

<b>Time</b>	<b>Students</b>	<b>Topic</b>	<b>Lab</b>	<b>Tutor</b>
8:30-9:00	Aidana SHAGAKALOVA Vasily SOROKIN	Dose to the skin	Baclesse	J.Thariat
9:00-9:30	Opara CHIDERA Igor DAKALOVSKY	Effective doses for low energy photons	LPC	J.Colin
9:30-10:00	Emmanuel ATUKPOR	MC simulations of low doses in pre-clinical therapy	GANIL	A.M.Frelin
10:00-10:30	<b>COFFEE BREAK</b>			
10:30-11:00	Andrea ESPINOSA	Irradiation of DNA strands	CIMAP	J.C.Pouilly
11:00-11:30	Milos TOMIC	Origin and radio-resistance of bio-molecules	CIMAP	P.Boduch
11:30-12:00	Kristina VUCKOVIC	Study of radioactive ion beam sources	GANIL	P.Delahaye

**Afternoon schedule:**

<b>Time</b>	<b>Students</b>	<b>Topic</b>	<b>Lab</b>	<b>Tutor</b>
14:00-14:30	Clara DEHMAN	Meta-modelling of neutron stars	LPC	F.Gulminelli
14:30-15:00	Vimal VIJAYAN	Supernova observables and nuclear physics inputs	GANIL	A.Fantina
15:00-15:30	Rahul SOMASUNDARAM	An application of algebraic geometry to a nuclear structure problem	GANIL	P.Van Isacker
15:30-16:00	<b>COFFEE BREAK</b>			
16:00-16:30	Katerine DIAZ HERNANDEZ Ablaihan UTEPOV	Detection of particle-X rays coincidences	GANIL	D.Ackermann
16:30-17:00	Michelangelo TRAINA William SAENZ AREVALO	Neutrino flux modelization of the BR2 reaction core	LPC	B.Guillon
17:00-17:30	Omorjit SINGH	Experimental studies of nuclear clustering	GANIL	J.Frankland

**The defense is public.**

**Each student (team) is expected to summarize the research work within a 20' presentation.**

**A 10' slot for the jury questions is included in the schedule.**

**The deliberation of the jury is scheduled on January 18 from 17:30 to 18:30.**