



International Relativistic Astrophysics PhD IRAP Ph.D.



IRAP PhD Faculty Meeting

June 10th, 2013 ICRANet Headquarters – Pescara (Italy)

The Following IRAP PhD Faculty Members are present, either in person or via phone/e-mail: Giovanni Amelino-Camelia Vladimir Belinski Carlo Luciano Bianco Donato Bini Sandip Kumar Chakrabarti Pascal Chardonnet (EMJD Coordinator) Christian Cherubini Thibault Damour Jaan Einasto Simonetta Filippi Sergio Frasca Filippo Frontera Yipeng Jing Hagen Kleinert Hermann Nicolai Mario Novello Kjell Rosquist Jorge Rueda (CAPES – ICRANet Coordinator) Remo Ruffini (IRAP PhD Director) Felix Ryde Gregory Vereshchagin She-Sheng Xue Shuangnan Zhang

The following IRAP PhD Faculty Members are absent but not justified: Jean-Marc Gambaudo Olivier Legrand Francois Mignard Elène Politano Farrok Vakili



Are also present (invited): Antonino Di Piazza (Max-Planck-Institut) Philippe Jetzer (University of Zurich) Claus Lämmerzahl (University of Bremen)

Agenda:

1) Final Exams and Diploma delivery

2) Administrative and financial report of Université de Nice Sofia Antipolis about the EMJD Program.

3) Admission of the University of Bremen and of the University of Oldenburg to the IRAP-PhD.

4) Miscellanea

The meeting starts at 2 pm. The president is Prof. Remo Ruffini, director of the IRAP PhD program, and the secretariat is Prof. Filippo Frontera.

1) Final Exams and Diploma Delivery.

The following sentences should be added to the IRAP-PhD rules, and therefore also added as paragraph 3 and paragraph 4 in the Article 5A of the Consortium Agreement:

"Registration: The candidate is registered as Doctoral Candidate in all the Institutions of the Consortium. The only constrain being that, for each participating country, the registration of the candidate is allowed only in one university, in respect of the national rules. In view of the relevance of obtaining fellowships from Foreign Countries or International Agencies the members of IRAP PhD adopt only nominal registration fees (less than 30 Euros).

We adopt the rule of the IRAP-PhD Procedure: in order to reach a joint degree we require:

a) the candidate is registered in all the universities with the only constraint of the respect of the national rules;

- b) the candidate academic records should be shared with all participating universities;
- c) the final examination committee should be voted by the IRAP-PhD Faculty."

The IRAP-PhD Faculty unanimously approves.



Concerning the Joint Diploma, it is possible to proceed following the French Official Scheme (see Enclosure) by having each University to deliver its own Diploma (each one a separate paper) and indicating all partners and respecting the rules indicated above. It is recommended that a standard document be developed in English. Exception of national languages and national documentations will be allowed. The text of the thesis however will be written in English following the IRAP PhD rules. The IRAP-PhD Faculty unanimously approves.

The following Final Examination Committees are unanimously approved by the IRAP-PhD Faculty:

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- -) Pierre Salati (Substitute: Pasquale Serpico)
- -) David Arnett (Substitute: George Meynet)
- -) Gennadi Bisnovaty-Kogan (Substitute: Valery Chechetkin)

- Dutta Parikshit, Fleig Philipp, Gruber Christine:

- -) Dieter Breitschwerdt (Substitute: Philipp Richter)
- -) Johannes Blümlein (Substitute: Matthias Steinmetz)
- -) Claus Lämmerzahl (Substitute: Jutta Kunz-Drolshagen)

2) Administrative and financial report of Université de Nice Sofia Antipolis about the EMJD Program.

Since the students in the University of Rome "La Sapienza" are spending an amount of time in their research both in the Physics Department at La Sapienza and in the ICRANet seats in Rome and Pescara, and since all the computers and technical facilities belong to ICRANet, the IRAP-PhD Faculty unanimously approves that all the remaining unspended Funds assigned to the University of Rome "La Sapienza" will have to be transferred to ICRANet.

As far as the final exams of the students are concerned, given that these exams are foreseen to be held in the student host institution, this implies: a) the organization of the thesis defence, b) the convocation of the committee, c) the payment of the Committee expenses. All these should be tasks of the host institution. All that implies costs of the host institution. Therefore University of Nice should transfer to the host institutions \in 4000 per each cycle. The IRAP-PhD faculty unanimously approves.



3) Admission of the University of Bremen and of the University of Oldenburg to the IRAP-PhD.

Following an internal restructuring, the Physics Department of Free University of Berlin has no longer "Relativistic astrophysics" among its research topics. For the 2010-2013 cycle they will maintain their commitment toward the IRAP-PhD program, and will deliver the PhD degree to the Students. However, for the following cycles they suggested to contact the most important Centers for Relativistic astrophysics in Germany in the Universities of Bremen and of Olderburg.

The groups of Prof. Dr. Claus Laemmerzahl from the University of Bremen and Prof. Dr. Jutta Kunz from the University Oldenburg have a broad experience in General Relativity. They are world leading experts in the analytic solution of equations of motion and their discussion with respect to observables especially in the context of astrophysics, and in numerical solutions of the stationary Einstein fields equations, also in the context of generalized theories. They run a Research Training Group "Models of Gravity" funded by the German Research Foundation DFG and are in the SKA science team. The Bremen group is also deeply involved in applications of relativistic gravity like geodesy and positioning. They are also actively doing gravitational experiments and are also participating in and proposing various space missions like MICROSCOPE, GRACE-FO, STE-QUEST, etc. Since 5 years Prof. Laemmerzahl is head of the "Gravity and Relativity" section within the German Physical Society, is associate editor of the journals "General Relativity and Gravitation" and of "Advances in Space Research", and he organized approximately 50 conferences and workshops. Together the two groups have more than 20 PhD students and 10 postdocs.

The IRAP-PhD Faculty unanimously approves the admission of the University of Bremen and of the University of Oldenburg to the IRAP-PhD.

It is also present Prof. Jetzer from the University of Zurich who has expressed interest in having the University of Zurich joining the IRAP PhD program. The Faculty expresses approval for the admission and asks Professor Jetzer to proceed to all formalities with his University.

4) Miscellanea.

Nothing remains to be discussed.



The meeting ends at 7.00pm. After ample discussion and approval the minutes are circulated via email to all IRAP-PhD Faculty Members for acceptance.

The President Prof. Remo Ruffini

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The Secretariat Prof. Filippo Frontera



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Enclosure 1/2 Signature du chef d'établissement d'enseignement supérieur étranger [Date et lieu de délivrance par l'établissement d'enseignement supérieur partenaire] LAUREA SPECIALISTICA IN rilasciata in partenariato internazionale dall'università di [...] con l'università di [...] e l'università di [...] ÇAISE ÇAISE UNIVERSITÀ délivré en partenariat international par l'Université de [...] avec l'Université de [...] et l'Université de [...] Mentions relatives au diplôme de master délivré dans les pays, par exemple : Signature du chef d'établissement d'enseignement supérieur étranger [Date et lieu de délivrance par l'établissement d'enseignement supérieur partenaire] awarded by the x partner universities of [...] and [...] Ministère de l'Enseignement supérieur et de la Recherche > www.enseignementsup-recherche.gouv.fr LAUREA SPECIALISTICA MASTER OF ARTS MASTER OF ARTS UNIVERSITY OF MASTER Le Recteur de l'académie, chancelier des universités relatif à l'habilitation de l'université de Vu les procès-verbaux du jury attestant que l'intéressé(e) a satisfait au pour en jouir avec les droits et prérogatives qui y sont attachés Vu le décret n $^\circ$ 2002-481 relatif aux grades et aux titres universitaire ..., l'université ... de ..., à /u le décret n $^\circ$ 84-573 du 5 juillet 1984 modifié relatif aux diplômes contrôle des connaissances et des aptitudes prévus par des textes MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA Vu le décret n° 2005-450 du 11 mai 2005 relatif à la délivrance de délivrer des diplômes de niveau master dans le cadre de l'Espace Vu l'arrêté du 25 avril 2002 relatif au diplôme national de master spécialité en vue de son inscription au diplôme de master , né le RÉPUBLIQUE FRANÇAISE Le diplôme de MASTER (intitulé du domaine) finalité (recherche ou est délivré à M. [prénom, NOM patronymique au titre de l'année universitaire 2010-20 et confère le grade de Master, RECHERCHE Vu les textes autorisant l'université ... de Vu les pièces justificatives produites par M Signature du chef d'établissement Européen de l'Enseignement Supérieur nationaux de l'enseignement supérieur .mention. ...] à délivrer des diplômes nationaux; diplômes en partenariat international et aux diplômes nationaux Décerné à [], le [] Vu le code de l'éducation Vu l'arrêté ministériel du Numéro du diplôme professionnelle) réglementaires Annexe Le titulaire

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