Dottorato in Matematica e Informatica
Consorzio tra le Università della Basilicata e del Salento
Riunione del Collegio dei Docenti
17 maggio 2017

Il Collegio dei Docenti del Dottorato è riunito in seduta telematica. Partecipano a questa seduta: Angela Albanese, Antonio Azzollini, Vittorio Bilò, Giovanni Calvaruso, Michele Campiti, Francesco Catino, Vito Antonio Cimmelli, Maria Carmela De Bonis, Elvira Di Nardo, Onofrio Maria Di Vincenzo, Sorin Dragomir, Gabor Korchmaros, Giansalvatore Mecca, Diego Pallara, Giuseppe Scanniello, Ivonne Sgura, Raffaele Vitolo e Carlo Sempi che la presiede e redige il presente verbale.

1. **Approvazione di un soggiorno all'estero:** Sono pervenute due richieste di soggiorni all'estero, entrambe di dottorandi del XXX ciclo, una di Simone Cito (tutor Antonio Leaci) per l'Université de Savoie, Le Bourget du Lac, Francia, presso il Prof. Dorin Bucur, e l'altra di Massimo Frittelli (tutor Ivonne Sgura) per recarsi presso l'Università di Saint Andrews, Scozia, Prof. Venkataraman; entrambe le richieste sono sostenute dai rispettivi tutor. Inoltre Leaci propone che il Collegio approvi la cotutela del Prof. Bucur. Tutte le richieste sono approvate (17 favorevoli, un astenuto).
2. **Relazioni dei valutatori per le tesi delle dottorande Carlomagno e Colazzo:** i componenti del Collegio hanno ricevuto le relazioni di entrambi i valutatori per le due tesi (queste sono allegate al presente verbale, Allegati nn. 1-4). Tutti i giudizî sono molto positivi, dato che i valutatori di fatto si limitano a suggerire piccole modifiche che non intaccano il valore scientifico dei risultato. Alla luce dei giudizî espressi dai valutatori, Il Coordinatore propone che le dottorande Isabella Carlomagno e Ilaria Colazzo siano ammesse a sostenere l'esame finale per il conseguimento del titolo di Dottore di Ricerca. La proposta è approvata (17 favorevoli, un astenuto).
3. **Proposta delle Commissioni per le due dottorande:** Francesco Catino, tutor di Ilaria Colazzo propone la seguente Commissione: Jan Okninski (University of Warsaw), Carmen Musella (Università "Federico II" di Napoli), Salvatore Siciliano (Università del Salento), membri supplenti: Francesco De Giovanni (Università "Federico II" di Napoli), Ernesto Spinelli (Università "La Sapienza"di Roma). Vito Antonio Cimmelli, tutor di Isabella Carlomagno, ricorda che è stata a suo tempo avanzata la richiesta che la dottoranda Carlomagno possa ottenere il titolo di *Doctor Europaeus* e propone la seguente Commissione: Karl Heinz Hoffmann (TU Chemnitz, Germania), Maria Stella Mongioví (Università di Palermo), Francesco Oliveri (Università di Messina), membri supplenti: Vittorio Romano (Università di Catania), Kurt Frischmuth (Università di Rostock, Germania). Il Collegio approva (17 favorevoli, un astenuto) le proposte e dà mandato al Coordinatore di sottoporle all'Ufficio Dottorato affinché questo, a sua volta, ne proponga la nomina al Rettore dell'Università di Lecce.

Il presente verbale è comunicato a tutti i componenti del Collegio che hanno tempo sino alle ore 21 del giorno 18 maggio per approvarlo.

I seguenti componenti del Collegio hanno risposto in maniera favorevole; il presente verbale è pertanto approvato: Angela Albanese, Antonio Azzollini, Vittorio Bilò, Giovanni Calvaruso, Michele Campiti, Francesco Catino, Vito Antonio Cimmelli, Maria Carmela De Bonis, Elvira Di Nardo, Onofrio Maria Di Vincenzo, Gabor Korchmaros, Giansalvatore Mecca, Diego Pallara, Giuseppe Scanniello, Ivonne Sgura, Raffaele Vitolo e Carlo Sempi.

Il Coordinatore
Dottorato in Matematica e Informatica
Consorzio tra le Università della Basilicata e del Salento

Carlo Sempi

(Carlo Sempi)

Ph.D Programme In Mathematics and Computer Science
Recommendation Form

Ph.D STUDENT DATA	
Name and surname:	Isabella Carlomagno
Thesis title:	Mathematical analyses of heat transport in nanosystems and graded materials
EXPERT/EXAMINER DATA	
Name and surname: Position: University/Research Center Address and Country:	Peter Ván researcher MTA Wigner Research Centre for Physics Budapest, Konkoly Thege Miklós út 29-33. 1121 Hungary

RECOMMENDATIONS	
The thesis does not require modifications	
The thesis needs minor revisions before discussion (see comments)	yes
The thesis needs major revision and must be reconsidered (see comments)	

ANALYTIC JUDGEMENT:

Originality of the research

Excellent	x
Good	
Fair	
Poor	

Back ground: exhaustive and up-to-date

Excellent	
Good	x
Fair	
Poor	

Appropriateness of methodology

Excellent	
Good	x
Fair	
Poor	

Clarity of presentation

Excellent	x
Good	
Fair	
Poor	

Ph.D Programme In Mathematics and Computer Science

Recommendation Form

Significance of the results

Excellent	x
Good	
Fair	
Poor	

Specific Comments

The thesis is well written, contains interesting results and reflects high level research. Also the related publications are convincing. I suggest discussion but I also suggest three minor modifications before submitting:

1) In the literature ballistic propagation of heat has two different interpretations and the thesis treats only one of them. According to the other interpretation the speed of ballistic phonons is the sound speed of the material. With a pure Guyer-Krumhansl equation one cannot obtain this property. See e.g. in [120,20] and also the classical experiments of Jackson, Walker and McNelly. Please discuss this aspect in the thesis.

2) In case of isotropic media the linear relation between secod order tensors require two coefficients. Please consider and discuss this fact when treating (3.44b) and also (4.39)-(4.40).

3) I suggest to use a uniform notation for the flux of the heat flux in chapters 3 and 4.

I confirm that there is no actual or perceived conflict of interest arising from my examination of this thesis.

Date:22/03/2017	Signature:

Ph.D Programme In Mathematics and Computer Science

Recommendation Form

Ph.D STUDENT DATA	
Name and surname	Isabella Carloagno
Thesis title	Mathematical Analyses oh heat transport in nanosystems and grades materials
EXPERT / EXAMINER DATA	
Name and surname Position University/research Center Address and Country	Manuel Criado-Sancho Professor Universidad Nacional de Educación a Distancia (UNED) Paseo Senda del Rey, 9, 28040-Madrid, Spain

RECOMMENDATIONS	
The thesis does not require modifications	X
The thesis needs minor revisions before discussion (see comments)	
The thesis needs major revision and must be reconsidered (see comments)	

ANALYTIC JUDGEMENT

Originality of the research

Excellent	X
Good	
Fair	
Poor	

Back ground: exhaustive and up-to-date

Excellent	X
Good	
Fair	
Poor	

Appropriateness of methodology

Excellent	X
Good	
Fair	
Poor	

Clarity of presentation

Excellent	
Good	X
Fair	
Poor	

Ph.D Programme In Mathematics and Computer Science

Recommendation Form

Significance of the results

Excellent	X
Good	
Fair	
Poor	

Specific Comments

I take advantage of this section to briefly comment on the results and merits of this thesis. Its originality is twofold: on the one side, the equation describing heat transport is not the classical Fourier's equation, but a generalized transport equation incorporating non-local and non-linear effects; on the other side, heat transport is studied in nanosystems and in nanostructured systems (graded systems, with an inhomogeneous concentration profile). Thus, the thesis contributes to a very active topic in transport theory, namely, heat transport in situations in which the mean free path of the heat carriers plays a relevant role, with interest in situations of possible nanotechnological interest. The thesis is well presented and developed, and its several results have been published in international well-known journals in six papers (a number of publications higher than that in average theses in this field). This is an indication that the thesis has been fruitful. Now, I briefly comment on the main results.

The result in Chapter 2 comparing the effect of the Knudsen number of the profile of the heat flux across a narrow two-dimensional ribbon is very appealing, as it shows very explicitly the diffusive (flat profile) to hydrodynamic (parabolic profile) to ballistic (flat profile) regimes, and the important role of the slip boundary condition for the heat flux. Up to now, the corresponding results had been obtained in an integrated way, for the effective thermal conductivity in terms of the Knudsen number. The analysis of this topic in the thesis is more detailed and conceptually relevant because the boundary conditions are an essential aspect of the theory which has not yet been sufficiently studied. The second result in Chapter 2 refers to the suitable value of the mean free path for the description of non-local effects. Since phonons with different frequencies have different mean free paths, the mean free path obtained from the bulk thermal conductivity is only a particular average, but it is not clear whether it is the average value that should appear in the coefficient of the non-local terms in the generalized heat equation. The idea of relating this problem with the slip boundary condition seems a very plausible perspective, from the macroscopic level. It is satisfactory that the value obtained here for mean free path appearing in the non-local term is longer than that obtained from the bulk thermal conductivity. Indeed, several authors had taken a value of some 250 nm instead of the value of the order of 50 nm obtained from the thermal conductivity. This discrepancy was rather uncomfortable and now its origin seems clarified.

I confirm that there is no actual or perceived conflict of interest arising from my examination of this thesis.

Date: March 13, 2017	Signature: 

Ph.D Programme In Mathematics and Computer Science
Università del Salento e della Basilicata
Recommendation Form

Ph.D STUDENT DATA	
Name and surname:	Ilaria Colazzo
Thesis title:	Left Semi-Braces and the Yang-Baxter equation
EXPERT/EXAMINER DATA	
Name and surname: Position: University/Research Center Address and Country:	Ferran Cedó Professor Universitat Autònoma de Barcelona/ Departament de Matemàtiques 08193 Bellaterra (Barcelona) Spain

RECOMMENDATIONS	
The thesis does not require modifications	x
The thesis needs minor revisions before discussion (see comments)	
The thesis needs major revision and must be reconsidered (see comments)	

ANALYTIC JUDGEMENT:

Originality of the research

Excellent	X
Good	
Fair	
Poor	

Back ground: exhaustive and up-to-date

Excellent	X
Good	
Fair	
Poor	

Appropriateness of methodology

Excellent	x
Good	
Fair	
Poor	

Clarity of presentation

Excellent	x
Good	
Fair	
Poor	

Ph.D Programme In Mathematics and Computer Science
Università del Salento e della Basilicata

Recommendation Form

Significance of the results

Excellent	x
Good	
Fair	
Poor	

Specific Comments

This thesis introduces a new algebraic structure: left semi-braces. This is a generalization of skew left braces. Skew left braces are related with non-degenerate set-theoretic solutions of the Yang-Baxter equation. In chapter 4 of the thesis it is proved that every left semi-brace B has associated a left non-degenerate set-theoretic solution (B,r) of the Yang-Baxter equation (Theorem 4.2.1). Furthermore, this solution (B,r) is right non-degenerate if and only if B is a skew left brace. Moreover, (B,r) is non-degenerate and involutive if and only if B is a left brace.
The thesis contains very important results. For example:
(1) Theorem 1.3.21, that is a non-trivial generalization of a result of Bachiller.
(2) Theorem 2.1.4, the asymmetric product of two left semi-braces.
(3) Theorem 3.1.1, the matched product of two left semi-braces.
The thesis is very well structured and it is well motivated.
The proofs of the main results are complicated and technical. Part of the results are written in three papers published in good international journals of mathematics and there are two more papers in preparation with results of the thesis.
Thus I have a very good impression with the strong work done by the candidate in this thesis.

I confirm that there is no actual or perceived conflict of interest arising from my examination of this thesis.

Date: 3/05/2017	Signature:

Universitat Autònoma de Barcelona
Departament de Matemàtiques

Ph.D Programme In Mathematics and Computer Science
Recommendation Form

Ph.D STUDENT DATA	
Name and surname:	Ilaria Colazzo
Thesis title:	Left Semi-Braces and the Yang-Baxter Equation
EXPERT/EXAMINER DATA	
Name and surname: Position: University/Research Center Address and Country:	Eric Jespers Professor Mathematics, Dean Faculty of Science and Bio-Engineering Sciences Vrije Universiteit Brussel/Algebra Pleinlaan 2, 1050 Brussel Belgium

RECOMMENDATIONS	
The thesis does not require modifications	X
The thesis needs minor revisions before discussion (see comments)	
The thesis needs major revision and must be reconsidered (see comments)	

ANALYTIC JUDGEMENT:

Originality of the research

The topic of the thesis is very timely because describing set-theoretic solutions of the Yang-Baxter equation is a fundamental and central topic in mathematics that is presently very intensely investigated (seminal papers are due to Gateva-Ivanova and Van den Bergh, Etingof, Schedler and Soloviev), thanks to the discovery of (left) braces by Rump. It is known that all involutive non-degenerate involutive set-theoretic solutions can be described once all (left) braces are described. Recently, Guarnieri and Vendramin have shown that the not necessarily involutive non-degenerate set-theoretic (bijective) solutions can be obtained via skew (left)braces.

It is in this context that the author of the thesis is working. A further original generalization is being introduced, called left semi-brace. This with the aim of also obtaining solutions that are left (but not necessarily right) non-degenerate. It is a beautiful and definitely original idea.

Furthermore, several known constructions (for example asymmetric products and matched products) have been extended to this more general context. A non-trivial task.

The author proved fundamental new results (an excellent summary is included in the introduction so I will not repeat these here). Two papers already have been accepted in Journal of Algebra (top rated journal in algebra), another is published in Bull. Austral. Math. Soc. and two papers are in preparation; all are joint work with Catino and Stefanelli.

Excellent	X
Good	
Fair	
Poor	

Ph.D Programme In Mathematics and Computer Science

Recommendation Form

Back ground: exhaustive and up-to-date

The candidate clearly knows the literature well and many important sources are cited. For the purpose of the contents of the thesis, the reference list is exhaustive.

Since the thesis ventures into semigroup context the author could also mention the link with the monoids of IG-type (MR2290908). On the preprint server ArXiv there also are some very recent papers on the structure of (left) braces, mainly related to decompositions of braces (via matched products) and constructions of simple (left) braces. Maybe it is worth to mention these.

Excellent	
Good	X
Fair	
Poor	

Appropriateness of methodology

One of the main difficulties in discovering new solutions of the Yang-Baxter equation is to find the right algebraic frame work, and hence new algebraic structures. This the candidate succeeded very well in; a non-trivial task. Once these are obtained, the methodology becomes unavoidably technical. Further one needs to discover methods to built up the new structure from smaller pieces. Also here the candidate did a very good job.

Excellent	X
Good	
Fair	
Poor	

Clarity of presentation

The proofs were extensively written out and clear. This is a non-trivial task as it is unavoidable that the proofs often become very technical. Most of the material presented is well understandable, thanks to the well-explained calculations and proofs. The candidate explains the results well and fully understands the subtleties.

If possible, it would be nice to also include once in a while an intuitive explanation of the results and their significance.

Excellent	
Good	X
Fair	
Poor	

Significance of the results

First of all the results yield in a structural manner methods to construct solutions that are left non-degenerate but not right non-degenerate and hence it opens a pathway to classify the left non-degenerate solutions of the Yang-Baxter equation. The opening to also involve semigroups into braces will attract the attention and will stimulate even more research in the area. So, not only are there fundamental new results in the thesis, it also will attract new researchers in the area.

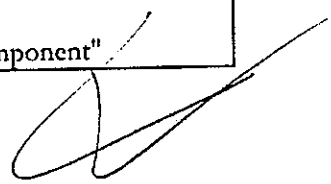
Ph.D Programme In Mathematics and Computer Science
Recommendation Form

Excellent	X
Good	
Fair	
Poor	

Specific Comments
Here are some minor proposed changes, mainly typographical errors. These are not essential for any discussion on the thesis. This is the reason why in the recommendation section it is indicated that no changes are needed.

- Page vii: Below equation (I): "...one can says..." should be "... one can say..."

- Page vii: 2 sentences lower than the previous one: ". In particular, fixed..." should be ". In particular, fixing..."
- Page vii: Below equation (II): "set-theoretical solution..." should be "solutions" (or you can change the "these maps" to "this map"). A few words later you should update "this functions solutions" to either completely singular "this function a solution" or completely plural "these functions solutions"
- Page viii (halfway): "In the case of solution..." should be "In the case of a solution..."
- Page ix (in the paragraph on Guarnieri and Vendramin): "... maps bijective ..." should be "... bijective maps... "
- Page xi (halfway): "Hochischild" should be "Hochschild"
- Page 1 (just below remark 1.1.2): "In general, if $(B,+)$ is a left cancellative semigroup. An element e...". This is incorrect syntax. Better would be "In general, if $(B,+)$ is a left cancellative semigroup, then an element e..."
- Page 1(end of the same paragraph): "semigrouup" instead of "semigroup"
- Page 1 (next sentence): "We may provide first examples..." can be either "We may first provide some examples" or "We may provide some first examples..."
- Page 7 (first equation): After the first equality sign, I believe this should be $a \circ b \lambda_a(c)$
- Page 7 (above proposition 1.2.9): "we introduce ρ_b functions." should be something of the form "we introduce the functions ρ_b."
- Page 31 (last word): "thesis" should be "hypothesis"
- Page 32 (3 sentences in the proof of 1.3.28): "and $\pi(s(\overline{b}))$..." should be " and $\overline{b} = \pi(s(\overline{b}))$..."
- Page 33 (in theorem 1.3.30): "... a 2-coclycle..." should be "... a 2-cocycle..."
- Page 40 (in theorem 1.4.4): "...from the group $(B,\circ)$ ... " should be "... from the group $(B,\cdot)$..." because you have not defined $\circ$ yet. The same in Theorem 1.4.5
- Page 69 (in lemma 3.1.4): ", then $(H+ E, +, \circ)$...", here H should be N.
- Page 71 (lower half): you say that you have already proven that σ and δ satisfy conditions 2 and 4, but later on you check these?
- Page 73 (last paragraph of the same proof): You have the matched product of H with $H+ N$. Should this not be H matched product with $N + E$?
- Page 74 (just before the end of the proof of 3.2.1): "δ e σ" Should be an "and" I suppose?
- Page 75 (end of proof corollary 3.3.1): "abelin group" should be "abelian group"
- Page 76 (halfway): "In particular, we obtain the conversely..." should be "In particular, we obtain the converse..."
- Page 83 (first sentences): "Note that we can find these kind of solutions..." should be "Note that we can find this kind of solutions..."
- Page 91 (first sentence): "Finally, the second...", I believe that is the "first component"



Ph.D Programme In Mathematics and Computer Science

Recommendation Form

- Page 99 (halfway): "it holds the same result for left braces" should be "the same result holds for left braces"

I confirm that there is no actual or perceived conflict of interest arising from my examination of this thesis.

Date: 14/4/2017	Signature: Eric Jespers

Carlo Sempi

Da: <angela.albanese@unile.it>
Data: Wednesday, May 17, 2017 5:51 PM
A: "Carlo Sempi" <carlo.sempi@unisalento.it>
Cc: <antonio.azzollini@unibas.it>; <vittorio.bilo@unisalento.it>; "Michele Campiti" <michele.campiti@unisalento.it>; <francesco.catino@unisalento.it>; "Cimmelli Antonio" <vito.cimmelli@unibas.it>; <mariacarmela.debonis@unibas.it>; "DI NARDO Elvira" <elvira.dinardo@unibas.it>; "Onofrio Mario Di Vincenzo" <onofrio.divincenzo@unibas.it>; "DRAGOMIR Sorin" <sorin.dragomir@unibas.it>; <gabor.korchmaros@unibas.it>; "Giansalvatore Mecca" <giansalvatore.mecca@gmail.com>; "Diego Pallara" <diego.pallara@unisalento.it>; <domenico.perrone@unisalento.it>; <giuseppe.scanniello@unibas.it>; <ivonne.sgura@unisalento.it>; "Raffaele Vitolo" <raffaele.vitolo@unisalento.it>; "Giorgio Metafune" <giorgio.metafune@unisalento.it>
Oggetto: Re: Bozza di verbale

Approvo il verbale del 17 maggio 2017.

Cordiali Saluti,

Angela Albanese

Carlo Sempi

Da: "AZZOLLINI Antonio " <antonio.azzollini@unibas.it>
Data: Wednesday, May 17, 2017 2:31 PM
A: "Sempi Carlo" <carlo.sempi@unisalento.it>
Cc: "Angela Albanese" <angela.albanese@unisalento.it>; "vittorio bilo" <vittorio.bilo@unisalento.it>; "Michele Campiti" <michele.campiti@unisalento.it>; "francesco catino" <francesco.catino@unisalento.it>; "Cimmelli Antonio Vito" <vito.cimmelli@unibas.it>; "De Bonis Maria Carmela" <mariacarmela.debonis@unibas.it>; "Di Nardo Elvira" <elvira.dinardo@unibas.it>; "Di Vincenzo Onofrio" <onofrio.divincenzo@unibas.it>; "Dragomir Sorin" <sorin.dragomir@unibas.it>; "Giansalvatore Mecca" <giansalvatore.mecca@gmail.com>; "Korchmaros Gabor" <gabor.korchmaros@unibas.it>; "Diego Pallara" <diego.pallara@unisalento.it>; "domenico perrone" <domenico.perrone@unisalento.it>; "Scanniello Giuseppe" <giuseppe.scanniello@unibas.it>; "ivonne sgura" <ivonne.sgura@unisalento.it>; "Raffaele Vitolo" <raffaele.vitolo@unisalento.it>; "Metafune Giorgio" <giorgio.metafune@unisalento.it>
Oggetto: Re: Bozza di verbale

Approvo il verbale.

Saluti a tutti,
Antonio Azzollini

Carlo Sempi

Da: <vittorio.bilo@unisalento.it>
Data: Wednesday, May 17, 2017 12:18 PM
A: "Giuseppe Scanniello" <gscanniello@icloud.com>
Cc: "Ivonne Sgura" <ivonne.sgura@unisalento.it>; "Carlo Sempi" <carlo.sempi@unisalento.it>; "Angela Albanese" <angela.albanese@unisalento.it>; <antonio.azzollini@unibas.it>; <vittorio.bilo@unisalento.it>; "Michele Campiti" <michele.campiti@unisalento.it>; <francesco.catino@unisalento.it>; "Cimmelli Antonio" <vito.cimmelli@unibas.it>; <mariacarmela.debonis@unibas.it>; "DI NARDO Elvira" <elvira.dinardo@unibas.it>; "Onofrio Mario Di Vincenzo" <onofrio.divincenzo@unibas.it>; "DRAGOMIR Sorin" <sorin.dragomir@unibas.it>; <gabor.korchmaros@unibas.it>; "Giansalvatore Mecca" <giansalvatore.mecca@gmail.com>; "Diego Pallara" <diego.pallara@unisalento.it>; <domenico.perrone@unisalento.it>; "Giuseppe Scanniello" <giuseppe.scanniello@unibas.it>; "Raffaele Vitolo" <raffaele.vitolo@unisalento.it>; "Giorgio Metafune" <giorgio.metafune@unisalento.it>
Oggetto: Re: Bozza di verbale

Approvo il verbale del 17 maggio 2017.

Vittorio Bilò

Carlo Sempi

Da: <giovanni.calvaruso@unisalento.it>
Data: Thursday, May 18, 2017 6:56 PM
A: "Carlo Sempi" <carlo.sempi@unisalento.it>
Oggetto: Re: verbale

Caro Carlo,
sono d'accordo, dopo la correzione del refuso "dei risultato".
A presto,
Giovanni

Carlo Sempi

Da: "Michele Campiti" <michele.campiti@unisalento.it>
Data: Thursday, May 18, 2017 12:32 PM
A: "'Carlo Sempi'" <carlo.sempi@unisalento.it>
Oggetto: R: Bozza di verbale

Approvo il verbale del 17 maggio 2017.
Michele Campiti

Carlo Sempi

Da: <francesco.catino@unisalento.it>
Data: Wednesday, May 17, 2017 12:36 PM
A: "Carlo Sempi" <carlo.sempi@unisalento.it>
Oggetto: Re: Bozza di verbale

Approvo il verbale del 17 maggio 2017.

Francesco Catino

Carlo Sempi

Da: "CIMMELLI Vito Antonio " <vito.cimmelli@unibas.it>
Data: Wednesday, May 17, 2017 6:43 PM
A: "Carlo Sempi" <carlo.sempi@unisalento.it>
Cc: "Giorgio Metafune" <giorgio.metafune@unisalento.it>; "Angela Albanese" <angela.albanese@unisalento.it>; "antonio azzollini" <antonio.azzollini@unibas.it>; "vittorio bilo" <vittorio.bilo@unisalento.it>; "Michele Campiti" <michele.campiti@unisalento.it>; "francesco catino" <francesco.catino@unisalento.it>; "mariacarmela debonis" <mariacarmela.debonis@unibas.it>; "DI NARDO Elvira" <elvira.dinardo@unibas.it>; "Onofrio Mario Di Vincenzo" <onofrio.divincenzo@unibas.it>; "DRAGOMIR Sorin" <sorin.dragomir@unibas.it>; "gabor korchmaros" <gabor.korchmaros@unibas.it>; "Giansalvatore Mecca" <giansalvatore.mecca@gmail.com>; "Diego Pallara" <diego.pallara@unisalento.it>; "domenico perrone" <domenico.perrone@unisalento.it>; "giuseppe scanniello" <giuseppe.scanniello@unibas.it>; "ivonne sgura" <ivonne.sgura@unisalento.it>; "Raffaele Vitolo" <raffaele.vitolo@unisalento.it>; "Vito Antonio CIMMELLI" <vito.cimmelli@unibas.it>
Oggetto: Re: Bozza di verbale

Approvo il verbale del 17 del 17 maggio 2017.

V. A. Cimmelli

Carlo Sempi

Da: "Maria Carmela De Bonis" <mariacarmela.debonis@unibas.it>
Data: Wednesday, May 17, 2017 10:37 AM
A: "Carlo Sempi" <carlo.sempi@unisalento.it>
Cc: "Angela Albanese" <angela.albanese@unisalento.it>; <antonio.azzollini@unibas.it>; <vittorio.bilo@unisalento.it>; "Michele Campiti" <michele.campiti@unisalento.it>; <francesco.catino@unisalento.it>; "Cimmelli Antonio" <vito.cimmelli@unibas.it>; "DI NARDO Elvira" <elvira.dinardo@unibas.it>; "Onofrio Mario Di Vincenzo" <onofrio.divincenzo@unibas.it>; "DRAGOMIR Sorin" <sorin.dragomir@unibas.it>; <gabor.korchmaros@unibas.it>; "Giansalvatore Mecca" <giansalvatore.mecca@gmail.com>; "Diego Pallara" <diego.pallara@unisalento.it>; <domenico.perrone@unisalento.it>; <giuseppe.scanniello@unibas.it>; <ivonne.sgura@unisalento.it>; "Raffaele Vitolo" <raffaele.vitolo@unisalento.it>; "Giorgio Metafune" <giorgio.metafune@unisalento.it>
Oggetto: Re: Bozza di verbale

Approvo il verbale del 17 maggio 2017.

--- M.C. De Bonis

--- Dipartimento di Matematica, Informatica ed Economia
--- Università degli Studi della Basilicata
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Carlo Sempi

Da: "Elvira Di Nardo" <elvira.dinardo@unito.it>
Data: Wednesday, May 17, 2017 4:40 PM
A: "Carlo Sempi" <carlo.sempi@unisalento.it>
Oggetto: Approvo il verbale del 17 maggio 2017.

%--
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Carlo Sempi

Da: "Onofrio Mario Di Vincenzo" <onofrio.divincenzo@unibas.it>
Data: Wednesday, May 17, 2017 7:08 PM
A: "Carlo Sempi" <carlo.sempi@unisalento.it>; "Angela Albanese" <angela.albanese@unisalento.it>; <antonio.azzollini@unibas.it>; <vittorio.bilo@unisalento.it>; "Michele Campiti" <michele.campiti@unisalento.it>; <francesco.catino@unisalento.it>; "Cimmelli Antonio" <vito.cimmelli@unibas.it>; <mariacarmela.debonis@unibas.it>; "DI NARDO Elvira" <elvira.dinardo@unibas.it>; "DRAGOMIR Sorin" <sorin.dragomir@unibas.it>; <gabor.korchmaros@unibas.it>; "Giansalvatore Mecca" <giansalvatore.mecca@gmail.com>; "Diego Pallara" <diego.pallara@unisalento.it>; <domenico.perrone@unisalento.it>; <giuseppe.scanniello@unibas.it>; <ivonne.sgura@unisalento.it>; "Raffaele Vitolo" <raffaele.vitolo@unisalento.it>
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Oggetto: approvazione verbale del 17 maggio 2017

Approvo il verbale del 17 maggio 2017.

Onofrio Mario Di Vincenzo

Carlo Sempi

Da: "KORCHMAROS GABOR " <gabor.korchmaros@unibas.it>
Data: Wednesday, May 17, 2017 11:07 AM
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Oggetto: Re: Bozza di verbale

L'approvo anche io.
Gabor Korchmaros

----- Messaggio originale -----
Da: "Maria Carmela De Bonis" <mariacarmela.debonis@unibas.it>
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Inviato: Mercoledì, 17 maggio 2017 10:37:34
Oggetto: Re: Bozza di verbale

Approvo il verbale del 17 maggio 2017.

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Carlo Sempi

Da: "Diego Pallara" <diego.pallara@unisalento.it>
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Oggetto: Re: Bozza di verbale

Approvo il verbale del 17 maggio 2017

Diego Pallara

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Oggetto: Re: Bozza di verbale

Approvo il verbale.

Buona giornata a tutti,

—Gianni

Carlo Sempi

Da: "Giuseppe Scanniello" <gscanniello@icloud.com>
Data: Wednesday, May 17, 2017 12:07 PM
A: "Ivonne Sgura" <ivonne.sgura@unisalento.it>
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Oggetto: Re: Bozza di verbale

Approvo il verbale

Giuseppe Scanniello

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Carlo Sempi

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Approvo il verbale del 17 maggio 2017.

Carlo Sempi

Carlo Sempi

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Approvo il verbale del 17 maggio 2017.

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