Curriculum del Dott. Arturo Graziano Grappone al 21/09/2011

Titoli professionali
(http://www.ordinemediciroma.it/OMWeb/Asp/C3_1B.asp?CodFisc=GRPRRG57H12E206D)

Laurea in Medicina e Chirurgia il 3/11/1981
Abilitazione alla professione medica il 30/11/1981
Specializzazione in Neurologia il 3/7/1986
Abilitazione alla Psicoterapia

Insegnamento Universitario

Università di Tor Vergata
(http://win.aslromag.info/strutture/polo.didattico.asp)

1. DU Infermiere: *Neurologia*, 1997-1998, 1998-1999
2. Laurea in Scienze Infermieristiche: *Neurologia*, 2001-2002, 2010-2011
3. Laurea in Scienze Infermieristiche: *Odontostomatologia*, 2001-2002, 2002-2003
4. Laurea in Scienze Infermieristiche: *Neurochirurgia*, 2002-2003
5. DU Audiometrista: *Neurologia Pediatrica* 1998-1999, 1999-2000, 2000-2001
6. Laurea in Audiometria: *Neurologia Pediatrica* 2001-2002
7. Laurea in Fisioterapia: *Neuroanatomia*, 2004-2005
8. Laurea in Fisioterapia: *Neurofisiologia*, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009
9. Laurea in Fisioterapia: *Anatomia*, 2005-2006, 2006-2007
10. Laurea in Fisioterapia: *Psichiatria*, 2005-2006

Università La Sapienza
(http://win.aslromag.info/strutture/polo.didattico.asp)

1. Laurea in Scienze Infermieristiche: *Fisiatria*, 2003-2004, 2004-2005

Scuola Medica Ospedaliera di Roma e della Regione Lazio
(http://www.smorrl.it/)

1. *Neuromatematica clinica*, 1992-93

Attività di ricerca scientifica

Premi per lavori di ricerca

01.   CASYS '2000 Best Paper Award, by C.H.A.O.S, Liège (B), 2000
02.   I.I.A.S. Outstanding Scholarly Contribution Award, Baden-Baden (D), 2002
03.   I.I.A.S. Outstanding Scholarly Contribution Award, Baden-Baden (D), 2004
04.   I.I.A.S. Outstanding Scholarly Contribution Award, Baden-Baden (D), 2011

Direzione di sessioni congressuali

01. EURO XXI – *21st European Conference on Operational Research, Reykjavik*, Iceland, July 2-5, 2006 – Session TB-21: *Anticipation and Optimization in Biosystems in stream Dynamical and Anticipatory Systems*.
(http://www.euro-online.org/euro21/display.php?page=slot&day=T&time=B&track=21)

02. CASYS'07 – *8th International Conference CASYS'07, on Computing Anticipatory Systems*, HEC-ULg, Liège, Belgium, August 6-11, 2007 – SYMPOSIUM 7: *Biological and Medical Systems, Genetics, Evolution, Ecology, Environmental Models* – SESSION 7.3., Thursday August 9, 8:30-12:30, ROOM 126
(http://casys-07.skynetblogs.be/category/1133925/1/0-+CHAOS+-+CASYS)

03. CASYS'11 – *10th International Conference CASYS'07, on Computing Anticipatory Systems*, HEC-ULg, Liège, Belgium, August 8-13, 2011 – DEDICATED WORKSHOP: *Physics and Logic of Anticipation in Biosystems* – SESSION 7.3. Wednesday August 10, 8h30-12h30, ROOM 030
(http://www2.ulg.ac.be/mathgen/CHAOS/CASYS11_PROGRAM.htm)

04. CASYS'11 – *10th International Conference CASYS'07, on Computing Anticipatory Systems*, HEC-ULg, Liège, Belgium, August 8-13, 2011 – DEDICATED WORKSHOP: *Physics and Logic of Anticipation in Biosystems* – SESSION 7.4. Friday August 12, 14h00-18h00, ROOM 030
(http://www2.ulg.ac.be/mathgen/CHAOS/CASYS11_PROGRAM.htm)

Collaborazione a riviste scientifiche internazionali

01. Capo redattore di *Metalogicon*, an international review of pure and applied logic, of linguistic and of philosophy, from 1990.
(http://www.metalogicon.org/)

Appartenenza ad ordini professionali ed istituzioni scolastiche e di ricerca

01. Ordine dei Medici di Roma e della Regione Lazio
(http://www.ordinemediciroma.it/)
02. Polo didattico ospedaliero ASL RMG – Università di Tor Vergata
(http://win.aslromag.info/strutture/polo.didattico.asp#Laurea_in_Fisioterapia)
03. European Operational Research Society *EURO* (per invito)
(http://www.euro-online.org/)
04. EURO working group *Computational Biology and Bioinformatics* (per invito)
(http://euro-cbbm.ku.edu.tr/ProposalCBB.pdf)
05. EURO working group for Continue Optimization *EUROPT* (per invito)
(http://www.iam.metu.edu.tr/EUROPT/)
06. Centre for Hyperincursion and Anticipation in Ordered Systems *CHAOS* (per invito)
(http://www2.ulg.ac.be/mathgen/CHAOS/)
07. International Institute for Advanced Studies in Informatics, Cybernetics, System Research, Education *IIAS*
(http://www.iias.edu/)
08. Association for Symbolic Logic *ASL*
(http://www.aslonline.org/index.htm)

Relazioni a congressi internazionali

Argomenti di Medicina interna, Neuroscienze e Psichiatria

01.   I.I.A.S.[1] 1987: *The methods of the Cognitive Neuropsychology … .*
02.   I.I.A.S.   1988: *Time, Modality, Psychoanalysis and Bivalent Logic.*
03.   I.I.A.S.   1989: *Space-time Dynamics: Gedanken Experiments.*
04.   I.I.A.S.   1993: *Fractal and prevention of psychotical crisis.*
05.   I.I.A.S.   1995: *A Logistic Approach to Freud's and Matte Blanco's … .*
06.   A.I.C.   1995: *A Formal Approach to Psychodynamics.*
07.   I.I.A.S.   1996: *Physical Dimension Calculus and Psychodynamics.*
08.   I.I.A.S.   1997: *Cognitive neuropsychology: a Boolean Approach.*
              (free download: http://www.grappone.it/Arturo.Graziano.Grappone.BB.1997.pdf)
09.   A.I.C.[2] 1998: *Relativistic Psychodynamics.*
      I.I.A.S.   2000: *Prolegomena to a Hamiltonian Psychiatry.*
10.   I.I.A.S. 2002: *Sentence Bi-Logic.*
              (free download: http://www.grappone.it/Arturo.Graziano.Grappone.BB.2002.pdf)
11.   I.I.A.S. 2003: *Ideas for Hamiltonian Psychiatry.*
              (free download: http://www.grappone.it/Arturo.Graziano.Grappone.BB.2003.pdf)
12.   I.I.A.S. 2008: *Receptors and Drugs as Logic Formulas.*

Argomenti di Intelligenza artificiale e Perceptronica

01.   I.I.A.S.   1990: *On the Number Formal Theory.*
02.   I.I.A.S.   1992: *A Formal Theory to Represent in it All the Aristotle's Syllogisms.*
              (free download: http://www.grappone.it/Arturo.Graziano.Grappone.BB.1992.pdf)
03.   I.I.A.S.   1994: *On Sentence Calculus.*
04.   I.I.A.S.   1996: *Classical Logic and Metalogic as a Global …* (II part).
05.   I.I.A.S.   1997: *Deriving Tautologies Automatic Program …* (II part).
06.   C.H.A.O.S.[3] 1999: *Decidability of the Formal Theories and Hyperincursivity theory.*
07.   C.HA.O.S. 2000: *Ideas on Hyperincursive Proof Theory.*
08.   C.H.A.O.S. 2000: *A Syllogistic System Generated by the Aristotelian Approach and … .*
09.   C.H.A.O.S. 2003: *Science Hyperincursive Integration.*
10.   I.I.A.S. 2005: *Polyadic Logic - a New Calculus.*
11.   I.I.A.S. 2006: *Natural Deduction in Predicative Calculus of First Order.*
12.   I.I.A.S. 2008: *On First Order Modal Predicative Calculus.*
13.   I.A.A.[4] Aosta 2009: *Assembly Level Anticipatory Programming in Space Missions.*14.   I.I.A.S.
14.   I.I.A.S. 2011: *A Rigorous Procedure to Build Proofs in First Order Predicative Calculus.*

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[1] *International Institute for Advanced Studies in Systems Research and Cybernetics.* Windsor (Canada)

[2] *Association Internationale de Cybernétique.* Namur (Belgica)

[3] *Centre for Hyperincursion and Anticipation in Ordered Systems.* Liège (Belgica)

[4] *International Academy of Astronautics.* Paris (France)

Argomenti di Nanoscienze e Meccanica quantistica

01.   I.I.A.S. 2006: *Prolegomena to the Use of Molecular Spatial Structures in Quantifier Calculus*.
02.   I.I.A.S. 2007: *NanoTube in Torus Form for Envisageable Nanocomputers*.
03.   C.H.A.O.S. 2007: *Quantum Physics and Matter Self-organizing*.
05.   C.H.A.O.S. 2009: *Dimension Calculus and Anticipatory Systems*.
06.   I.A.A. Aosta 2011: *Photo-magnetic Sails from Nano-funnel Structures*.
07.   C.H.A.O.S. 2011: *Entanglement and Algorithmic Topology*.

Argomenti di Management, Catallattica ed Ingegneria dei processi produttivi

01.   C.H.A.O.S. 1997: *Genesis of the Rationality from 'Chaos*.
02.   I.I.A.S. 1998: *Structural Equations in the Theory of a Set Inclusive Network: …* .
03.   C.H.A.O.S 1998: *Hyperincursive Nature of the ι-operator*.
04.   I.I.A.S. 1999: *Advantages of the Fuzzy Logic in Decision Democratic Processes …* .
05.   I.I.A.S. 2000: *Use of Dynamic Programming in the Management Problems of FAO*.
06.   I.I.A.S. 2001: *Compatibility of Ethics and Economy in the Light of Lorentz' Equations*.
                (free download: http://www.grappone.it/Arturo.Graziano.Grappone.BB.2001.pdf)
07.   C.H.A.O.S 2005: *Probability as Sentence Sets and its Incursive Calculus*.
08.   I.I.A.S. 2007: *Logic of Systems with Big Numbers of Atomic Sentences*.

Argomenti di Cognitonica

06.   I.I.A.S. 2008: *Experimental Philology of the Word "Cybernetics"*.

Lavori pubblicati

Argomenti di Medicina interna, Neuroscienze e Psichiatria

01.   *Temporal, Modal, Psychoanalytical Functors in the Bivalent Logic*
            Metalogicon (1988) I, 2 pp 41-57
            (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1988.2.pdf)
02.   *Psychoanalysis and Gödel proof: Is the Self-representation the Common Base of …*
            Metalogicon (1989) II, 1 pp 33-59
            (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1989.1.pdf)
03.   *On D'Amelio's Logical Ratio and Rules: Consequences in Psychiatry*
            Metalogicon (1989) II, 2 pp 73-93
            (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1989.2.pdf)
04.   *Bi-logic Nature of the Numeric Calcule*
            Metalogicon (1990) III, 1 pp1-24
            (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1990.1.pdf)
05.   *Psychosis as Self-organized Critical System*
            in
            G. E. Lasker, RESEARCH-IN-PROGRESS, vol. I,
            I.I.A.S., University of Windsor, Canada, 1994, pp 33-37

06. *Physical Dimension Calculus and Psychodynamics*
    in
    G. E. Lasker, ADVANCES in ARTIFICIAL INTELLIGENCE and …, vol. III,
    I.I.A.S., University of Windsor, Canada, 1996, pp 59-64
07. *Relativistic Psychodynamics*
    in
    M. Ramaekers, XV International Congress on Cybernetics,
    Association Internationale de Cybernétique, Namur, Belgium, 1998
    (download: http://cat.inist.fr/?aModele=afficheN&cpsidt=1369050)
08. *Prolegomena to a Hamiltonian Psychiatry*
    in
    G. E. Lasker, RESEARCH-IN-PROGRESS, vol. IX,
    I.I.A.S., University of Windsor, Canada, 2001, pp 37-42
09. *Galen's Logic for Medical Diagnosis after Malatesta's Review: a Development*
    Metalogicon (2004) XVII, 1 pp 1-8
    (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.2004.1.pdf)

Argomenti di Intelligenza artificiale e Perceptronica

01. *Modal Sentence Logic Formulas as Abbreviation of Standard Sentence Logic Formulas*
    Metalogicon (1990) III, 2 pp 83-100
    (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1990.2.pdf)
02. *On the Number Formal Theory*
    in
    G. E. Lasker e T. Koizumi, Advances in INFORMATION SYSTEMS RESEARCH,
    I.I.A.S., University of Windsor, Canada, 1991, pp 211-216
03. *On the Time Logic*
    Metalogicon (1991) IV, 1 pp 43-68
    (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1991.1.pdf)
04. *On Polyadic Connectives: A New Language*
    Metalogicon (1994) VII, 1 pp 1-14
    (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1994.1.pdf)
05. *On Sentence Calculus*
    in
    G. E. Lasker, RESEARCH-IN-PROGRESS, vol. II,
    I.I.A.S., University of Windsor, Canada, 1995, pp 82-86
06. *Sentence Calculus and Fractals*
    Metalogicon (1995) VIII, 1 pp 1-10
    (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1995.1.pdf)
07. *Many-valued Sentence Logics: Representation Problems in Standard Sentence Logic*
    Metalogicon (1995) VIII, 2 pp 65-72
    (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1995.2.pdf)

08. *Classic Logic and Metalogic as a Global Dynamic System* -Part Two-
 in
 G. E. Lasker, ADVANCES in ARTIFICIAL INTELLIGENCE and …, vol. III,
 I.I.A.S., University of Windsor, Canada, 1996, pp 56-58
09. *Vectorial Standard Sentence Logic*
 Metalogicon (1998) XI, 2 pp 73-80
 (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1998.2.pdf)
10. *Polyadic Predicate in Terms of Monadic Predicates*
 Metalogicon (1999) XII, 2 pp 73-80
11. *Standard Sentence Logic as Graph*
 Metalogicon (2000) XIII, 1 pp 1-8
 (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.2000.1.pdf)
12. *Decidability of Formal Theories and Hyperincursivity Theory*
 in
 D. Dubois, "COMPUTING ANTICIPATORY SYSTEMS CASYS '99 – Third International
 Conference – AIP CONFERENCE PROCEEDINGS 517, Melville, New York, 2000, pp 141-148
 (download: http://scitation.aip.org/getabs/servlet/GetabsServlet?prog=normal&id=APCPCS00
 05170000010000141000001&idtype=cvips&gifs=yes)
13. *Ideas on Hyperincursive Proof Theory*
 Fourth International Confernce CASYS 2000, Abstract Book, 12,1,4
 (free download: http://www.grappone.it/Arturo.Graziano.Grappone.LI.2000.pdf)
14. *A Syllogistic System Generated by the Aristotelian Aproach and the Modern Aproach as …*
 in
 D. Dubois, "COMPUTING ANTICIPATORY SYSTEMS CASYS 2000 – Fourth International
 conference –AIP CONFERENCE PROCEEDINGS 573, Melville, New York, 2001
 (download: http://scitation.aip.org/getabs/servlet/GetabsServlet?prog=normal&id=APCPCS00
 05730000010000377000001&idtype=cvips&gifs=yes)
15. *Sciente Hyperincursive Integration*
 International Journal of Computing Anticipatory Systems (2006), 17, pp 292-311
16. *Polyadic Logic: a New Calculus*
 in
 G. E. Lasker and M. Malatesta, SYSTEMS RESEARCH AND COGNITION, vol. I,
 I.I.A.S., University of Windsor, Canada, 2007, pp 35-41
17. *Hyperincursive Proof Theory*
 Metalogicon (2007) XX, 2 pp 67-82
 (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.2007.2.pdf)
18. *Doubts on Gödel's Incompleteness Theorems*
 Scientific Inquiry, vol. 9, no. 1, June, 2008, pp. 51-60
 (free download: http://www.iigss.net/Scientific-Inquiry/June2008/7-grappone.pdf)
19. *Assembly Level Anticipatory Programming in Space Missions.*
 Proceedings of the Sixth IAA Symposium on Realistic Near-Term Advanced Scientific Sapce
 Missions (2009), pp 85-90

Argomenti di Nanoscienze e Meccanica quantistica

01.   *Prolegomena to the Use of Molecular Spatial Structure in Quantifier Calculus*
        in
        G. Lasker and S. Santoli, Nanotechnology and Nanoscience, vol. II,
        I.I.A.S., University of Windsor, Canada, 2006, pp 25-30
02.   *Quantum Physics and Matter Self-Organization*
        International Journal of Computing Anticipatory Systems (2006), 17, Vol 22, pp 3-13
03.   *Dimension Calculus and Anticipatory Systems*
        International Journal of Computing Anticipatory Systems (2009), 18, Vol 23, pp 180-192
04.   *Photo-magnetic Sails from Nano-funnel Structures.*
        Proceedings of the Seventh IAA Symposium on Realistic Near-Term Advanced Scientific
        Space Missions (2011), pp 157-162

Argomenti di Management, Catallattica ed Ingegneria dei processi produttivi

01.   *Genesis of the Rationality from 'Chaos*
        International Journal of Computing Anticipatory Systems (1997) 1, pp 272-281
02.   *Structural Equations in the Theory of a Set Inclusive Network: Highest Degree Theorem*
        in
        G. E. Lasker, ADVANCES in ARTIFICIAL INTELLIGENCE and …, vol. V,
        I.I.A.S., University of Windsor, Canada, 1999, pp 78-82
03.   *Advantages of Fuzzy Logic in Democratic Decision Processes and in Peace Research*
        in
        G. E. Lasker, CULTURE OF PEACE
        I.I.A.S. – U.N.E.S.C.O., University of Windsor, Canada, 1999, pp 191-196
04.   *Hyperincursive Nature of the ι-operator*
        in
        D. Dubois, COMPUTING ANTICIPATORY SYSTEMS CASYS '98 – Second International
        Conference – AIP CONFERENCE PROCEEDINGS 465, Woodbury, New York, 1999, pp 103-108
        (download: http://scitation.aip.org/getabs/servlet/GetabsServlet?prog=normal&id=APCPCS00
        0465000001000103000001&idtype=cvips&gifs=yes
05.   *Use of Dynamic Programming in the Management Problems of FAO*
        in
        G. E. Lasker, RESEARCH-IN-PROGRESS, vol. VIII,
        I.I.A.S., University of Windsor, Canada, 2000, pp 40-45
06.   *Probability as Sentence Sets and Its Incursive Calculus*
        in
        D. Dubois, "COMPUTING ANTICIPATORY SYSTEMS CASYS '05 – Seventh International
        Conference –AIP CONFERENCE PROCEEDINGS 839, Melville, New York, 2006
        (free download: http://www.iigss.net/Scientific-Inquiry/June2008/7-grappone.pdf)

Argomenti di Cognitonica

01. *Anselm's Ontological Proof: Consequences in System Theory*
        Metalogicon (1999) XII, 1 pp 33-40
        (free download: http://www.grappone.it/Arturo.Graziano.Grappone.ML.1999.1.pdf)

Titoli di servizio

Assistente medico

1. *Assistente medico* in Psichiatria ex-USL RM/2 da Feb-5-90 a Feb-23-90
2. *Assistente medico* in Psichiatria ex-USL RM/34 da Ago-8-90 a Ott-31-90
3. *Assistente medico* in Psichiatria ex-USL RM/24 da Nov-1-1990 a Sett-30-93
4. *Assistente medico* in Psichiatria ex-USL RM/24 da Feb-1-1994 a Lug-31-1994

Dirigente medico

5. *Dirigente medico* in Psichiatria ex-USL RM/24, poi ASL RM/G da Ago-1-1994 a Apr-5-2000
6. *Dirigente medico* in Medicina interna ex-USL RM/24, poi ASL RM/G da Apr-6-2000 ad oggi
    (http://win.aslromag.info/ospedali/monterotondo/medicina.asp)

Attività medica collaterale

1. *Consulente neurologo* dell'ospedale di Monterotondo da Gen-1-1991 ad oggi
2. *Servizio di elettroencefalografia* da Gen-1-1991 a Sett-30-1993
3. *Ambulatorio di Neurologia* da Gen-1-97 a Dic-31-04
4. *Commissione per l'applicazione della Legge 104* da Giu-1-2003 a Giu-1-2005
5. *Corpo Militare della Croce Rossa Italiana* (Medicina delle catastrofi) da Giu-12-87
6. *Collegio Medico di Prima Istanza del C.M. C.R.I.* da Gen-1-1995 a Gen-1-2006

Idoneità concorsuali, corsi almeno annuali e tirocini importanti

Idoneità concorsuali

1. *Assistente medico* in Emodialisi (ex-USL RM/2, 1988)
2. *Assistente medico* in Psichiatria (ex-USL RM/7, 1988)
3. *Assistente medico* in Psichiatria (ex-USL RM/29, 1989)
4. *Assistente medico* in Medicina interna (ex-USL RM/32, 1989)
5. *Assistente medico* in Otorinolaringoiatria (ex-USL RM/10, 1989)

Corsi almeno annuali

1. *Psichiatria e medicina interna* Rome Hospital Medical School (1 anno)
2. *Psichiatria transculturale* Rome Hospital Medical School (1 anno)
3-4. *Psicologia medica* Rome Hospital Medical School (2 anni)

5-6. *Psicologia medica: l'atto psicoterapeutico* Rome Hospital Medical School (2 anni)
7. *Correlazioni clinico-neuropatologiche* Rome Hospital Medical School (1 anno)
8. *Istopatologia del sistema nervoso* Rome Hospital Medical School (1 anno)
9. *Corso formazione ufficiali* Military Italian Red Cross (Catastrophe Medicine) (1 anno)
10. *Caricamento aereo* Military Italian Air Force
11. *Topografia* I.G.M.I. Firenze

Tirocini importanti

1. U.C.S.C. Istituto di cardiologia "Cardiologia clinica" 1986-87 (1 anno)
2. C.M. C.R.I "Management medico" 2005 (1 semestre)

In fede, e conscio delle sanzioni penali, civili ed amministrative applicabili alle false dichiarazioni,

Arturo Graziano Grappone