Curriculum vitae

PERSONAL INFORMATION

Antonio Giuseppe Amico

antonio.giuseppe.amico@gmail.com

| Nationality: Italian

WORK EXPERIENCE

01/12/2022 – today

Clinical Medical Physicist (permanent position)

Istituto Oncologico Veneto IOV – IRCCS
Via Gattamelata, 64, 35128 Padova PD
https://www.ioveneto.it

Planning, verification and management of laser safety as Laser Protection Adviser.

Quality Assurance in Radiodiagnostics: periodic measures and improvement of dose optimization. Responsible for the assessment of display performance for medical imaging system.

01/10/2021 – 31/10/2022

Clinical Medical Physicist (permanent position)

ASST Lodi - Azienda Socio Sanitaria Territoriale di Lodi

Lodi, Lombardia
https://www.asst-lodi.it

Planning, verification and management of laser safety as Laser Protection Adviser.

Quality Assurance in Radiodiagnostics: periodic measures and improvement of dose optimization. Responsible for the assessment of display performance for medical imaging system.

01/05/2020 – 30/09/21

Clinical Medical Physicist (permanent position)

MedAustron Ion Therapy Center, Medical Physics Department.
Marie-Curie-Straße 5, 2700 Wiener Neustadt
https://www.medaustron.at

Routine clinical responsibilities included overseeing the workflow and equipment for Patient Specific Quality Assurance. Actively contributed to the development and maintenance of patient-specific QA procedures. Clinical Treatment planning with protons. Quality assurance. Specification, acceptance, commissioning and QA activities of the medical software systems with focus on the TPS: commissioning of the pencil beam dose calculation algorithm of RayStation v8BSP1 for the carbon ion beam delivery system (both organization tasks and in-room measurements). Contributed to the commissioning process of RayStation 11A. Took part in the commissioning of the TPS for the proton Gantry, conducting initial verification and tests of dosimetry systems. Also contributed to the design of new systems for relative dosimetry using Octavious. Actively participated in the clinical implementation of independent dose calculation system for the proton horizontal beam line.

21/10/2019 – 17/04/2020 Clinical Medical Physicist (permanent position)

Policlinico Abano Terme, Radiotherapy Operating Unit, Medical Physics Department.
Piazza Cristoforo Colombo, 1, 35031 Abano Terme PD.
http://www.policlinicoabano.it.

3D-CRT, IMRT and Arc Therapy (VMAT) photon beams planning (6X, 6X-FFF, 10X) with Varian system end Treatment Planning System (TPS) Eclipse. Assessment of Quality Assurance in radiotherapy.

01/02/2019 – 30/09/2019 Medical Physics Student

MedAustron Ion Therapy center (MA), supervisors Dr PhD Markus Stock (markus.stock@medaustron.at) and Dr PhD Antonio Carlino (antonio.carlino@medaustron.at).
Marie Curie-Straße 5, 2700 Wiener Neustadt (Austria)
https://www.medaustron.at/en

Training in light ions therapy, focusing on measurement procedures and data analysis of the dosimetric commissioning of the TPS for carbon ions using the pencil beam algorithm available in RayStation RSv8B (RaySearch Laboratories, RSL, Sweden). Measurement sessions for commissioning, and direct use of different kinds of detectors (Lynx QA, Giraffe PeakFinder, Bragg peak IC, PinPoin IC, Farmer IC, etc.). Cross-calibration of 24 PP chambers with reference Farmer IC in a scanned carbon beam and characterisation in terms of polarity and recombination behavior.

01/12/2018 – 31/01/2019 Medical Physics Student

Medical Physics Department A.O.U. Policlinico Vittorio Emanuele, supervisor dott. Mannino Giovanni.
Via S. Sofia, 78, 95123 catania (Italy)
https://www.policlinicovittorioemanuele.it

Training in Medical Physics, in particular focusing on Nuclear Medicine Quality Assurance and Quality Controls. Screen monitor Quality Controls. Treatment plans on Brachytherapy for melanoma oculare with Rutenio 106 and BEBIG software.

03/04/2018 – 31/10/2018 Medical Physics Student

ASP MESSINA P.O. San Vincenzo, supervisor dott. Nando Romeo
Via Giuseppe la Farina, 98123 Taormina (Italy)
http://www.asp.messina.it

Training in Medical Physics, in particular focusing on 3D Conformational Radiotherapy, Intensity Modulated Radiotherapy (IMRT), Radiodiagnostics and MRI. TPS (Eclipse), Quality Assurance, Quality Controls, Dosimetry verification plan, Delivery Dose System, Positioning Patient System, Patient Treatment. Radioprotection activities.

30/09/2017–30/03/2018 Medical Physics Student

Centro Catanese di Oncologia, C.C.O. Humanitas, supervisor dott. Carmelo Marino.
Via Vittorio Emanuele da Bormida, 64, 95126 Catania (Italy)
http://www.ccocatania.it

Training in Medical Physics, in particular focusing on 3D Conformational Radiotherapy, Intensity Modulated Radiotherapy (IMRT), Volumetric Modulated Arc Therapy (VMAT), SRS and SBRT treatments with Eclipse. Quality Assurance, Quality Controls in Radiodiagnostics and nuclear medicine, Dosimetry verification plan. Research activities on Characterization of a new commercial OSL dosimetry system,

NanoDots (Landauer®) matched with readout system MicroSTARii™ and VMAT patient-specific quality assurance for conventionally fractionated and SBRT treatments, using Gafchromic™EBT3 film dosimetry and FilmQA software.

15/11/2016–31/12/2017 Fellowships, Scientific association

Istituto Nazionale di Fisica Nucleare (INFN)- Laboratori Nazionali del Sud (LNS), supervisor Dott. Prof. Giacomo Cuttone (email: cuttone@lns.infn.it)
via S.Sofia 62, 95123 Catania (95123)
https://www.lns.infn.it/it/

Research activities on the following topic: Monitoring and passive shaping of proton and light ion beams for cell sample irradiations", regarding the "Grande Rilevanza" project, MAECI Partner country: SERBIA, Vinca Institute of Nuclear Sciences (VINS) of the University of Belgrade. Nuclear fragmentation of carbon ions study with Monte Carlo and Geant4 toolkit and radiobiology experiments.

Business or sector: Research

02/01/2017–30/09/2017 Medical Physics Student

U.O. Medical Physics Department (ARNAS) Garibaldi, supervisor dott.ssa L. Barone Tonghi.
Via Palermo, 636, 5, 95122 Catania (Italy)
http://www.ao-garibaldi.catania.it

Training in Medical Physics, in particular focusing on 3D Conformational Radiotherapy, Intensity Modulated Radiotherapy (IMRT), Radiodiagnostics and nuclear medicine.

15/01/2016–15/11/2016 Fellowships, Scientific association

Istituto Nazionale di Fisica Nucleare (INFN)- Laboratori Nazionali del Sud (LNS)
via S.Sofia 62, 95123 Catania (Italy)
https://www.lns.infn.it/it/

Training in Medical Physics, in particular focusing on dosimetry in a protontherapy facility for the ocular melanoma treatment with a passive scattering system. Esperiments related to protontherapy as well as to the use of different kind of ions for multidisciplinary applications. Use of Gafchromic dosimetric films for the lateral beam spot size and relative dosimetry checks, with different ions.

Business or sector: Research

22/04/2015–15/01/2016 Scientific association

Istituto Nazionale di Fisica Nucleare (INFN)- Laboratori Nazionali del Sud (LNS)
via S.Sofia 62, 95123 Catania (Italy)
https://www.lns.infn.it/it/

Development and realization of a preliminary emittance detector for high-energy particle beams, within the ELIMED project.

TEACHING ACTIVITIES

01/11/2015–01/09/2016 Academic Tutor

Università degli Studi di Catania, referent Dott. Prof. Stefano Romano (email: romano@lns.infn.it)., Catania (Italy)

Contract for 75 hours tutoring activities at the University of Catania, bachelor course of General Physics I, academic year 2015/2016.

28/04/2016–10/05/2016 High school tutor

Liceo Scientifico “A. Volta”, docente referent prof.ssa Maria Petitto (email: mariaconcetta.petitto@gmail.com).
Via Martoglio Nino, 1, 93100 Caltanissetta (Italy)
http://www.liceoscientificovolta.gov.it

16 hours teaching activities on laboratory exercises.

24/04/2015–24/04/2015 High school tutor

I.I.S.S. S. Mottura, referent prof. Fiorino Michele (email: micfiorino@hotmail.com).
Viale della Regione, 71, 93100 Caltanissetta (Italy)
http://www.istitutomottura.it

Experience as external teacher at the "7th Course of Astrophysics" for a PON project at I.I.S.S. S. Mottura, of Caltanissetta, with a presentation entitled "Solar Wind and Aurore: astrophysical applications of Magnetohydrodynamics".

EDUCATION

10/03/2022 **Laser Protection Adviser (LPA)**

Azienda Socio Sanitaria Territoriale di Lodi.
Assignment with resolution n. 183 on 10th March 2022.

22/11/2021 **Radiation Protection Expert (I level on the Italian classification)**

Italian Ministry of Labour and Social Policy

Enrolled in the Radio Protection Experts list (I level), n. 1174. The I italian level refers to the surveillance of radiological devices that accelerate electrons with maximum voltage, applied to the tube, lower than 400 kV;

25/11/2020– 25/11/2025 **Medizinphysiker (Ö G M P)**

Österreichische Gesellschaft für Medizinische Physik

The professional recognition in Medical Physics valid in German-speaking lands.

09/2016– 08/10/2019 **Postgraduate Diploma in Medical Physics** **70/70 cum laude**

Università degli studi di Catania, Catania (Italy)

Academic Supervisor. Prof. Gueli Anna Maria, Supervisors: Prof. Dr. PhD Stock Markus, Dr. PhD Carlino Antonio.

Thesis carried out at MedAustron ion therapy center, Wiener Neustatd, Austria, on: *"Dosimetric commissioning of a pencil beam algorithm for the scanned carbon ion beam delivery system installed at the MedAustron Ion Therapy Center".*

10/2013–23/03/2016 **Master degree in Physics** **110/110 cum laude**

Università degli studi di Catania, Catania (Italy)

Supervisor: Prof. Giacomo Cuttone, Dott. G. A. P. Cirrone, Dott. Romano Francesco, Dott. Schillaci Francesco. Thesis on: "Diagnostics of laser-driven ion beams for medical applications: design and development of a beam emittance detector".

10/2010–28/09/2013 **Bachelor degree in Physics** **110/110 cum laude**

Università degli studi di Catania, Catania (Italy)

Advisor: Prof. Luciano Calabretta, Prof. Giacomo Cuttone, Dott.ssa Maria Grazia Sabini, Dott. Giorgio Russo. Thesis on: "Tecniche di coregistrazione di immagini multimodali PET ed RM".

GRANTS AND AWARDS

2017–2018 Grant for merit issued by the Regional Authority for the right to university study (ERSU).

2016–2017 Fellowship for new graduates students at the Laboratori Nazionali del Sud of INFN, after a list of merit approved by the Board of INFN, to be performed at the National Laboratories of the South. It regard the MAECI_SERBIA project for research activities on the following topic: "Control techniques and passive conformation of proton beams and light ions for the radiation of cell samples".

01/2016– 11/2016 Fellowship for undergraduates, issued by the National Institute of Nuclear Physics, INFN, after a list of merit approved by the Board of INFN, to be performed at the National Laboratories of the South.

2014–2015 Grant for merit issued by the Regional Authority for the right to university study (ERSU).

2013–2014 Grant for merit issued by the Regional Authority for the right to university study (ERSU).

2012–2013 Grant for merit issued by the Regional Authority for the right to university study (ERSU).

2011–2012 Grant for merit: "Borsa di studio per l'incentivazione e la razionalizzazione della frequenza universitaria", issued by the University of Catania, right to study office.

2010–2011 Grant for merit: "Borsa di studio per l'incentivazione e la razionalizzazione della frequenza universitaria", issued by the University of Catania, right to study office..

V. Scuderi G. Milluzzo D. Doria A. Alejo A.G. Amico N. Booth G. Cuttone J.S. Green S. Kar G. Korn G. Larosa R. Leanza P. Martin P. McKenna H. Padda G. Petringa J. Pipek L. Romagnani F. Romano A. Russo F. Schillaci G.A.P. Cirrone D. Margarone M. Borghesi
TOF diagnosis of laser accelerated, high-energy protons.
July 2020. Nuclear Instruments and Methods in Physics Research, Section A, Accelerators Spectrometers Detectors and Associated Equipment 978:164364
DOI: 10.1016/j.nima.2020.164364

G. Milluzzo,A V. Scuderi, A. Alejo, A. G. Amico, N. Booth, M. Borghesi, G. A. P. Cirrone G. Cuttone D. Doria J. Green S. Kar G. Korn G. Larosa R. Leanza D. Margarone P. Martin P. McKenna G. Petringa J. Pipek L. Romagnani F. Romano A. Russo F. Schillaci
A new energy spectrum reconstruction method for time-of-flight diagnostics of high-energy laser-driven protons
Review of Scientific Instruments 90, 083303 (2019); https://doi.org/10.1063/1.5082746

Scuderi, V.; Amato, A.; Amico, A.G.; Borghesi, M.; Cirrone, G.A.P.; Cuttone, G.; Fajstavr, A.; Giuffrida, L.; Grepl, F.; Korn, G.; Larosa, G.; Leanza, R.; Margarone, D.; Milluzzo, G.; Petringa, G.; Pipek, J.; Russo, A.; Schillaci, F.; Velyhan, A.; Romano, F.
Diagnostics and Dosimetry Solutions for Multidisciplinary Applications at the ELIMAIA Beamline. *Appl. Sci.* **2018**, *8*, 1415.
DOI: 10.3390/app8091415
Giuseppe Stella, Nina Cavalli, Elisa Bonanno, Antonio Amico, Anna Maria Gueli, Andrea Girlando, Carmelo Marino.
“[P281] Choice of reference dose value for dose plan comparison procedures using gafchromictm EBT3 and film QA software”.
DOI: 10.1016/j.ejmp.2018.06.558

G. Milluzzo, J. Pipek, A.G. Amico, G.A.P. Cirrone, G. Cuttone, G.Korn, G. Larosa, R. Leanza, D. Margarone, G.Petringa, A. Russo, F. Schillaci, V. Scuderi, F. Romano.
“Transversal dose distribution optimization for laser-accelerated proton beam medical applications by means of Geant4”. Phys Med. 2018 Oct;54:166-172. Epub 2018 Aug1. https://doi.org/10.1016/j.ejmp.2018.07.008

Margarone, D.; Cirrone, G.A.P.; Cuttone, G.; Amico, A.; Andò, L.; Borghesi, M.; Bulanov, S.S.; Bulanov, S.V.; Chatain, D.; Fajstavr, A.; Giuffrida, L.; Grepl, F.; Kar, S.; Krasa, J.; Kramer, D.; Larosa, G.; Leanza, R.; Levato, T.; Maggiore, M.; Manti, L.; Milluzzo, G.; Odlozilik, B.; Olsovcova, V.; Perin, J.-P.; Pipek, J.; Psikal, J.; Petringa, G.; Ridky, J.; Romano, F.; Rus, B.; Russo, A.; Schillaci, F.; Scuderi, V.; Velyhan, A.; Versaci, R.; Wiste, T.; Zakova, M.; Korn, G.
“ELIMAIA: A Laser-Driven Ion Accelerator for Multidisciplinary Applications”. Quantum Beam Sci. 2018, 2, 8. https://doi.org/10.3390/qubs2020008.

Milluzzo, G. and Pipek, J. and Amico, A. G. and Cirrone, G. A. P. and Cuttone, G. and Korn, G. and Larosa, G. and Leanza, R. and Margarone, D. and Petringa, G. and Russo, A. and Schillaci, F. and Scuderi, V. and RomanoF.
“Geant4 simulation of the ELIMED transport and dosimetry beam line for high-energy laser-driven ion beam multidisciplinary applications”, NIM A 2018, https://doi.org/10.1016/j.nima.2018.02.066.

Cirrone G. A. P., Cuttone G., Raffaele L., Salamone V., Avitabile T., Privitera G., Spatola C., Amico A. G., Larosa G., Leanza R., Margarone D., Milluzzo G., Patti V., Petringa G., Romano F., Russo A., Russo A., Sabini M. G., Schillaci F., Scuderi V., Valastro L. M.
"Clinical and Research Activities at the CATANA Facility of INFN-LNS: From the Conventional Hadrontherapy to the Laser-Driven Approach", 2017, Frontiers in Oncology, 7, 223, http://dx.doi.org/10.3389/fonc.2017.00223

R. Leanza F. Romano, V. Scuderi, A.G. Amico, G. Cuttone, G. Larosa, D. Margarone, G. Milluzzo, G. Petringa, J. Pipek, F. Schillaci and G.A.P. Cirrone.
"Faraday cup: absolute dosimetry for ELIMED beam line", 2017 JINST 12 C03046 http://dx.doi.org/10.1088/1748-0221/12/03/C03046

A.D. Russo, F. Schillaci, L. Pommarel, F. Romano, A. Amato, A.G. Amico, A. Calanna, G.A.P. Cirrone, M. Costa, G. Cuttone, C. Amato, G. De Luca, F.A. Flacco, G. Gallo, D. Giove, A. Grmek, G. La Rosa, R. Leanza, M. Maggiore, V. Malka, G. Milluzzo, G. Petringa, J. Pipek, V. Scuderi, B. Vauzour and E. Zappalà
"Characterization of the ELIMED prototype permanent magnet quadrupole system" 2017 JINST 12 C01031 http://dx.doi.org/10.1088/1748-0221/12/01/C01031

J. Pipek, F. Romano, G. Milluzzo, G.A.P. Cirrone, G. Cuttone, A.G. Amico, D. Margarone, G. Larosa, R. Leanza, G. Petringa, F. Schillaci and V. Scuderi.
"Monte Carlo simulation of the ELIMED beamline using Geant4", 2017 JINST Volume 12 C03027, http://dx.doi.org/10.1088/1748-0221/12/03/C03027

V. Scuderi, G. Milluzzo, A. Alejo, A.G. Amico, N. Booth, G.A.P. Cirrone, D. Doria, J. Greene, S. Kar, G. Larosa, R. Leanza, D. Margarone, P. McKenna, H. Padda, G. Petringa, J. Pipek, L. Romagnani, F.Romano, F. Schillaci, M. Borghesi, G. Cuttone and G. Korn.
"**Time of Flight based diagnostics for high energy laser driven ion beams**", 2017 JINST Volume 12 C03086, https://doi.org/10.1088/1748-0221/12/03/C03086

G. Milluzzo, V. Scuderi, A.G. Amico, M. Borghesi, G.A.P. Cirrone, G. Cuttone, M. De Napoli, D. Doria, J. Dostal, G. Larosa, R. Leanza, D. Margarone, G. Petringa, J. Pipek, L. Romagnani, F. Romano, F. Schillaci and A. Velyhan.
"TOF technique for laser-driven proton beam diagnostics for the ELIMED beamline" 2017 JINST Volume 12 C03044, http://dx.doi.org/10.1088/1748-0221/12/03/C03044

G. Milluzzo, V. Scuderi, A.G. Amico, M. Borghesi, G.A.P. Cirrone, G. Cuttone, M. De Napoli, D. Doria, J. Dostal, G. Larosa, R. Leanza, D. Margarone, G. Petringa, J. Pipek, L. Romagnani, F. Romano, F. Schillaci and A. Velyhan.
"Laser-accelerated ion beam diagnostics with TOF detectors for the ELIMED beam line". 2017 JINST Volume 12 C02025 http://dx.doi.org/10.1088/1748-0221/12/02/C02025

F. Romano, F. Schillaci, G. Cuttone, G. A. P. Cirrone, V. Scuderia, L. Allegra, A. Amato, A. Amico, G. Candiano, G. De Luca, G. Gallo, S. Giordanengo, L. F. Guarachi, G. Korn, G. Larosa, R. Leanza, R. Manna, V. Marchese, F. Marchetto, D. Margarone, G. Milluzzo, G. Petringa, J. Pipek, S. Pulvirenti, D. Rizzo, R. Sacchi, S. Salamone, M.Sedita, A. Vignati.
"The ELIMED transport and dosimetry beamline for laser-driver ion beams". Nuclear Instruments and Methods in physics research A. Elsevier. Volume 829, 1 September 2016, Pages 153–158. https://doi.org/10.1016/j.nima.2016.01.064

POSTER IN WORKSHOPS AND CONFERENZE

A.G. Amico, M. Schafasand, M. Daniel, G. Martino, R. Dreindl, L. Grevillot, A. Elia, J. Osorio, M. Bolsa , S. Vatnitskiy, M. Stock, A. Carlino.
"Commissioning of pencil beam dose calculation algorithm of RayStation v8BSP1 for the MedAustron scanned carbon ion beam delivery system."
PTCOG 59, 4-7 June 2021, https://doi.org/10.13140/RG.2.2.22687.84649.

A.G. Amico , G. Kragl, M. Daniel, R. Dreindl, A. Elia, H.Fuchs, L. Grevillot, A. Gueli, V. Letellier, J. Osorio, S. Vatnitskiy, M. Stock, A. Carlino.
"Dosimetric commissioning of a pencil beam algorithm for the scanned carbon ion beam delivery system installed at MedAustron Ion Therapy Center."
Medical Accelerators and Particles Therapy, International conference from OMA consortium, 4-6 September 2019 CAN, Seville, Spain. https://indico.cern.ch/event/803528/.
https://doi.org/10.13140/RG.2.2.14757.99040

A.G. Amico , R. Dreindl, G. Kragl, V. Letellier, A. Elia, M. Bolsa Ferruz, J. Osorio, S. Vatnitsky, M. Stock, A. Carlino, L. Grevillot.
"Basic beam data for TPS beam modeling of a scanned carbon ion beam delivery system." Poster and book of abstract in: 9th alpe adria medical physics (AAMP) & österreichische gesellschaft für medizinische physic (ÖGMP) Meeting May 16 - 18 2019, Graz (Austria). https://doi.org/10.13140/RG.2.2.33842.07360.

E. Bonanno, A.G. Amico, N. Cavalli, A D'Agostino, A Girlando, G. Pisasale, N. Ricottone C. Marino.
"Characterization of a commercial Optically Stimulated Luminescence (OSL) dosimetry system for VMAT treatment verification". 10° Congresso Nazionale AIFM Bari, April 2018. Poster.

G. Stella, N. Cavalli, E. Bonanno, A. G. Amico, A. M. Gueli, A. Girlando, C. Marino.
"VMAT pre-treatment verifications using Gafchromic™ EBT3 and FILM QA software". 10° Congresso Nazionale AIFM Bari, April 2018. Poster.

A. G. Amico, G.A.P. Cirrone, F. Romano, F. Schillaci, V. Scuderi, G. Candiano, G. Cuttone, S. Giordanengo, L. F. Guarachi, G.Korn, G. Larosa, R. Leanza, R. Manna, V. Marchese, F. Marchetto, D. Margarone, G. Milluzzo, G. Petringa, J. Pipek, R. Sacchi, A. Vignati.
"Innovative dosimetry systems for the high dose-rate per pulse laser-driven ion beams in the ELIMED beam line". The 3rd ELIMED Workshop MEDical and multidisciplinary applications of laser-driven ion beams at ELI-Beamlines, 7-10 September 2016, Catania, Laboratori Nazionali del Sud of INFN. Poster.

R. Manna, G. A. P. Cirrone, G. Cuttone, F. Romano, V. Scuderi, A. Amico, M. Borghesi, G. Candiano, D. Doria, S. Giordanengo, L. F. Guarachi, G. Larosa, R. Leanza, V. Marchese, F. Marchetto, G. Milluzzo, G. Petringa, J. Pipek, R. Sacchi, S. Schillaci.
"Study on the dosimetry of laser accelerated beams for future clinical applications ". EDIT 2015, 20-29 Ottobre, Frascati. Poster.

V. Scuderi, F. Romano, G. A. P. Cirrone, G. Cuttone, L. Allegra, A. Amato, A. Amico, M. Borghesi, G. Candiano, S. Cavallaro, G. De Luca, D. Doria, G. Korn, S. Giordanengo, L. F. Guaraschi, G. Larosa, R. Leanza, R. Manna, V. Marchese, F. Marchetto, D. Margarone, G. Milluzzo, G. Petringa, J. Pipek, S. Pulvirenti, D. Rizzo, R. Sacchi, S. Salamone, F. Schillaci, B. Trovato, C. Viglianisi, A. Vignati.
"Laser-Driven beam diagnostics and dosimetry for potential applications in the medical field at ELIMAIA". 2nd ELIMEDICS workshop, March 2016. Poster.

G. Candiano, A. Amico, M. Borghesi, G. A. P. Cirrone, G. Cuttone, D. Doria, G. Larosa, R. Leanza, R. Manna, L. Manti, V. Marchese, G. Milluzzo, F. Perozziello, G. Petringa, J. Pipek, L. Romagnani, F. Romano, F. Schillaci, V. Scuderi, A. Tramontana.
"Innovative approaches in the dosimetry of laser-driven proton beams for future hadrontherapy applications". 9° Congresso Nazionale AIFM Perugia, February 2016.Poster.

R. Manna, G. A. P. Cirrone, G. Cuttone, F. Romano, V. Scuderi, A. Amico, G. Candiano, G. Larosa, R. Leanza, V. Marchese, G. Milluzzo, G. Petringa, J. Pipek, F. Schillaci, A. Tramontana.
"Study on the dosimetry of laser accelerated beams for future clinical applications ". 9° congresso nazionale AIFM Perugia, February 2016. Poster.

TALKS IN WORKSHOPS AND CONFERENZE

A. G. Amico, G. A. P. Cirrone, F. Romano, F. Schillaci, V. Scuderi, G. Candiano, G. Cuttone, S. Giordanengo, L. F. Guaraschi, G. Larosa, R. Leanza, R. Manna, V. Marchese, F. Marchetto, Milluzzo, G. Petringa, J. Pipek, R. Sacchi, A. Vignati.
"Dosimetry systems for high-pulsed laser-driven ion beams in the ELIMED beam line". Talk for 102° Congresso Nazionale della Società Italiana di Fisica, SIF, 26 - 30 Settembre 2016, Padova.

G. Milluzzo, G.A.P. Cirrone, F. Romano, V. Scuderia, A. Amico, M. Borghesi, G. Candiano, G. Cuttone, D. Doria, G.Korn, G. La Rosa, R. Leanza, R. Manna, V. Marchese, D. Margarone, G. Petringa, J. Pipek, F. Schillaci.
"Laser-driven ion beams diagnostics with diamond detector in Time of Flight configuration for the ELIMED beamline". Talk 102° Congresso Nazionale della Società Italiana di Fisica, SIF, 26 - 30 Settembre 2016, Padova..

G. Petringa, G. A. P. Cirrone, F. Romano, F. Schillaci, V. Scuderi, A. Amico, G. Candiano, G. Cuttone, G. La Rosa, R. Leanza, R. Manna, V. Marchese, G. Milluzzo, J. Pipek.
"Laser-accelerated ions-beam emittance measurement with a pepper-pot approach". Talk 102° Congresso Nazionale della Società Italiana di Fisica, SIF, 26 - 30 Settembre 2016, Padova.

PERSONAL SKILLS

Mother tongue(s): Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	A1	A1	A1	A1	A1
French	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Independent user	Proficient user	Proficient user	Independent user	Independent user

Digital skills - Self-assessment grid

Software: Windows, Unix, OS X.
Linguaggi di programmazione: C, C++, Phyton, Matlab.
Software scientifici: Excel, GEANT4, Gnuplot, TRIM, LISE++. Other: Lyx, Microsoft Office.

Other skills

CERTIFICATE: BLS-D.

Driving licence

B

Padova, 20/06/2023

Antonio Giuseppe Amico