

INFORMAZIONI PERSONALI **Gaetano Scandariato**

ESPERIENZA LAVORATIVA IN INAF

01-12-2018 fino a data odierna **Ricercatore a Tempo Indeterminato**

Istituto Nazionale di Astrofisica, Osservatorio Astrofisico di Catania, via S. Sofia 78, 95123 Catania

01-07-2015 – 30-11-2018 **Ricercatore a Tempo Determinato**

Istituto Nazionale di Astrofisica, Osservatorio Astrofisico di Catania, via S. Sofia 78, 95123 Catania

01-02-2014 – 30-06-2015 **Assegno di Ricerca Post-Doc**

Istituto Nazionale di Astrofisica, Osservatorio Astrofisico di Catania, via S. Sofia 78, 95123 Catania

01-11-2013 – 31-01-2014 **Assegno di Ricerca Post-Doc**

Istituto Nazionale di Astrofisica, Osservatorio Astrofisico di Catania, via S. Sofia 78, 95123 Catania

01-11-2012 – 31-10-2013 **Assegno di Ricerca Post-Doc**

Istituto Nazionale di Astrofisica, Osservatorio Astronomico di Palermo, Piazza del Parlamento 1, 90134 Palermo

1-10-2012–31-10-2012 **Borsa di studio Post-Doc**

Istituto Nazionale di Astrofisica, Osservatorio Astrofisico di Catania, via S. Sofia 78, 95123 Catania

01-03-2012–31-08-2012 **Borsa di studio Post-Doc**

Istituto Nazionale di Astrofisica, Osservatorio Astrofisico di Catania, via S. Sofia 78, 95123 Catania

01-09-2008–01-11-2008 **Incarico professionale esterno**

Istituto Nazionale di Astrofisica, Osservatorio Astrofisico di Catania, via S. Sofia 78, 95123 Catania

INCARICHI ISTITUZIONALI PER DIDATTICA E DIVULGAZIONE

Ottobre-Novembre 2023 **Tutor per il Concorso “Giovani Astronomi” indetto dal TNG**

Assistenza ad un gruppo di studenti di Vittoria nella realizzazione di un proposal osservativo da presentare al Telescopio Nazionale Galileo in merito al concorso “Giovani Astronomi” 2023.

Febbraio, ogni anno dal 2019 **Progetto Alternanza Scuola-Lavoro / PCTO**

superiori.

26-02-2019 **Corso di aggiornamento per docenti**

Corso tenuto presso I.I.S.S. "G.B. Vaccarini" di Catania sulla ricerca in ambito esoplanetologico (rivelazione, caratterizzazione, abitabilità).

20-11-2019 **Seminario: "An exo-traordinary tale".**

Intervento realizzato in occasione del "Nobel day", organizzato dall'associazione EPS Young Minds (Catania Section) presso il Dipartimento di Fisica e Astronomia dell'Università degli Studi di Catania. L'intervento ha raccontato la storia della scoperta di 51Peg b e lo stato delle ricerche nell'ambito degli esopianeti.

Attività di divulgazione scientifica istituzionale

- Visite scolastiche presso l'Osservatorio Astrofisico di Catania;
 - Visite pubbliche presso l'Osservatorio di Serra La Nave;
 - Solar System Tour (Catania);
 - Light in Astronomy (Catania);
 - La notte della Luna (Catania);
 - European Researchers' Night (Palermo, Catania);
 - CHEOPS. . . si parte (Catania);
 - espositore presso NSE (New Space Economy) ExpoForum 2019 (Roma);
 - espositore presso Etna Comics 2023 (Catania)
- (tutte le attività elencate sono visionabili presso <https://oldwww.oact.inaf.it/visite/>)

PARTECIPAZIONE A COMMISSIONI, COMITATI E GRUPPI DI LAVORO

- 14 Agosto 2015 fino a data odierna Membro di International Astronomical Union (IAU), organizzazione che promuove e salvaguarda la scienza dell'astronomia in tutti i suoi aspetti, compresi la ricerca, la comunicazione, l'educazione e lo sviluppo, attraverso la cooperazione internazionale.
- 17 Maggio 2023 fino a data odierna Membro del board editoriale di "Exoplanets", sezione speciale di "Frontiers in Astronomy and Space Sciences", una rivista multidisciplinare che svela i misteri dell'universo ed esplora la scienza planetaria e l'astronomia extragalattica a tutte le lunghezze d'onda.
- 18 Maggio 2020 fino a data odierna Membro del gruppo di lavoro per l'organizzazione di seminari di alta formazione rivolti al personale della sede, e aperti alla comunità scientifica di riferimento locale, nazionale e internazionale.
- 04 Luglio 2024 Membro della commissione di dottorato per la valutazione del candidato Tomás Azevedo Silva presso Faculdade de Ciências da Universidade do Porto.
- Membro di commissioni per l'assegnazione di Assegni di Ricerca presso l'Osservatorio Astrofisico di Catania.
 - Membro del comitato di indirizzo scientifico (SOC) per "PLATO Planetary Systems - formation to observed architectures" (14-16 maggio 2024, Catania), <https://indico.ict.inaf.it/event/2702/overview>
 - Membro del comitato organizzatore locale (LOC) per "PLATO Science in Italy: ready to data exploitation?" (25-27 settembre 2023, Catania), <https://indico.ict.inaf.it/event/2483/overview>
 - Membro del comitato organizzatore locale (LOC) per "15th GAPS meeting" (4-6 dicembre 2019, Catania), <https://indico.ict.inaf.it/event/940/overview>

INCARICHI PER DIDATTICA IN UNIVERSITÀ

02-10-2023 – 02-04-2024 Contratto di collaborazione esterna

Università degli Studi di Catania, Dipartimento di Scienze Chimiche, Viale Andrea Doria, 6, 95125 Catania CT

Attività di tutor qualificato per l'insegnamento di Fisica 1 del Corso di Laurea in Chimica Industriale.

02-10-2023 – 02-04-2024 Contratto di collaborazione esterna

Università degli Studi di Catania, Dipartimento di Scienze Chimiche, Viale Andrea Doria, 6, 95125 Catania CT

Attività di tutor qualificato per l'insegnamento "Fisica 2 e laboratorio" del Corso di Laurea in Chimica.

01-04-2019 – 31-12-2019 Contratto di collaborazione esterna

Università degli Studi di Catania, Dipartimento di Ingegneria Elettrica Elettronica e Informatica, Viale Andrea Doria, 6, 95125 Catania CT

Attività di tutor qualificato per l'insegnamento di Fisica 1 del Corso di Laurea in Ingegneria Industriale.

NN., Corso Italia 57, 95129 Catania.

**Marzo 2009 – Maggio 2009, Maggio 2012 – Giugno 2012
Contratto di collaborazione con studenti**

Assistenza durante le attività didattiche di laboratorio per il corso "Laboratorio di Fisica I" del Corso di Laurea Triennale in Fisica.

Università degli Studi di Catania, Facoltà di Scienze MM. FF.

Marzo 2008 – Maggio 2008 Contratto di collaborazione con studenti

Università degli Studi di Catania, Facoltà di Scienze MM. FF. NN., Corso Italia 57, 95129 Catania.

Assistenza durante le attività didattiche di laboratorio per il corso "Laboratorio di Fisica II" del Corso di Laurea Triennale in Fisica.

Marzo 2008 – Giugno 2008 Contratto di collaborazione con studenti.

Università degli Studi di Catania, Facoltà di Scienze MM. FF. NN., Corso Italia 57, 95129 Catania.

Assistenza durante le attività didattiche di laboratorio per il corso "Fisica" del Corso di Laurea Triennale in Scienze Biologiche.

**ALTRI INCARICHI PER
DIDATTICA E DIVULGAZIONE**

1-09-2016 – 30-11-2018 Contratto di docenza

Convitto Nazionale "Vittorio Emanuele II", Roma.

Docente di ruolo di Matematica e Fisica, in congedo per motivi di studio e ricerca.

1-09-2015 – 30-08-2016 Contratto di docenza

Provveditorato di Imperia.

Docente senza sede di Matematica e Fisica, in congedo per motivi di studio e ricerca.

14-10-2014 – 30-06-2015 Contratto di docenza

Liceo Scientifico "Don Lorenzo Milani", Romano di Lombardia (BG).

Docente supplente di Matematica e Fisica, in congedo per motivi di studio e ricerca.

2012 – 2015 Collaborazione occasionale

IBIS - Scuola Superiore "Empedocle", Via Martino Cilestri 109, 95127 Catania

Preparazione ai test di ingresso per le facoltà dell'area medico-sanitaria.

21-12-2015 – 23-03-2016 Collaborazione occasionale

C.E.U.R. (Centro Europeo Università e Ricerca), Camplus d'Aragona, Via Monsignor Ventimiglia 184, 95129 Catania

Tutoraggio alla preparazione degli esami universitari.

1-09-2012 Contratto di collaborazione.

Alchimie d'Arte - Impresa operante nella promozione e gestione di beni ed eventi culturali.

Consulenza scientifica per la realizzazione dell'evento "La notte della Luna".

PARTECIPAZIONE A TEAM DI RICERCA

Agosto 2012 - Settembre 2017 Membro del Science Team del progetto GAPS

GAPS (Global Architecture of Planetary System) è un programma a lungo termine per la caratterizzazione completa delle proprietà architettoniche dei sistemi planetari in funzione delle caratteristiche degli ospiti (massa, metallicità, ambiente). L'obiettivo del progetto è sfruttare le capacità uniche della strumentazione del TNG per studiare l'origine della diversità dei sistemi planetari.

da Aprile 2018 (in corso) Membro del Science Team del progetto GAPS2

GAPS2 è la prosecuzione del progetto GAPS, strutturato nel seguente modo:

- caratterizzazione dettagliata dei candidati planetari di piccola massa, per misurare i loro tassi di occorrenza in funzione delle proprietà stellari;
- caratterizzazione dei sistemi con giganti noti su orbite di breve e lungo periodo, per testare i modelli di formazione e migrazione orbitale.

Settembre 2020 - Luglio 2022 Membro del Science Team del progetto PETS

PETS è una survey spettroscopica ad alta risoluzione dei transiti degli esopianeti, delle eclissi secondarie e della caratterizzazione della stella ospite di un gran numero di sistemi con esopianeti noti. L'obiettivo è l'analisi approfondita delle loro atmosfere. I punti di forza e l'unicità di questo progetto sono la combinazione dello spettrografo ad alta risoluzione PEPSI (Potsdam Echelle Polarimetric and Spectroscopic Instrument) e il throughput e la potenza di raccolta della luce del Large Binocular-Telescope (LBT) in modalità binoculare con i suoi specchi da 2×8,4 m.

da Dicembre 2015 (in corso) Membro del Science Team della missione CHEOPS

CHEOPS (CHAracterising ExOPlanet Satellite) è la prima missione di Classe Small dell'ESA nel programma Cosmic Vision 2015-2025 (<http://sci.esa.int/cosmic-vision/>), dedicata alla fotometria ad altissima precisione su stelle brillanti, note per ospitare esopianeti. Il suo scopo principale è quello di caratterizzare la struttura di esopianeti con massa nota compresa tra quella della Terra e quella di Nettuno. Per farlo, CHEOPS misura il loro raggio con grande accuratezza, sfruttando la tecnica dei transiti. La misura del raggio, combinata con quella della massa, permette di risalire alla densità media del pianeta il cui valore fornisce importanti informazioni sulla struttura interna. Questo parametro è fondamentale per trovare pianeti potenzialmente abitabili e per comprendere i processi che hanno portato alla loro formazione ed evoluzione.

da Gennaio 2011 (in corso) Membro del PLATO Mission Consortium della missione PLATO

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PLATO (PLANetary Transits and Oscillations of stars mission) è la missione M3 del programma Cosmic Vision 2015-2025 dell'ESA. PLATO mira a studiare un gran numero di sistemi planetari extrasolari, con particolare attenzione alle proprietà dei pianeti terrestri nella zona abitabile attorno a stelle di tipo solare. Il prodotto finale di PLATO è un catalogo che include determinazioni accurate dei raggi dei pianeti, delle masse (quindi delle densità medie), dell'architettura dei sistemi planetari e delle età/stadi evolutivi. Per raggiungere i suoi obiettivi scientifici, il satellite PLATO eseguirà un monitoraggio fotometrico ininterrotto ad alta precisione di grandi campioni di stelle per lunghi periodi (fino a diversi anni) per rilevare i transiti planetari. I dati fotometrici conterranno anche informazioni sull'attività sismica delle stelle. L'analisi delle curve di luce porterà alla determinazione dei raggi planetari, delle età e delle inclinazioni orbitali dei pianeti. I pianeti candidati rilevati da PLATO saranno confermati con osservazioni da terra. Le masse planetarie saranno determinate attraverso lo studio delle variazioni del tempo di transito o attraverso misure di velocità radiale effettuate da osservatori a terra.

da Marzo 2023 (in corso) Supporting member del ARIEL Consortium

Ariel è la missione M4 nel programma Cosmic Vision dell'ESA. L'obiettivo di Ariel è quello di eseguire un censimento chimico di un campione di circa 1000 esopianeti in orbita attorno a stelle ospiti relativamente vicine. Le domande scientifiche chiave che Ariel farà indirizzo sono: quali sono i processi fisici che modellano le atmosfere planetarie? di cosa sono fatti gli esopianeti? come si formano ed evolvono i pianeti e i sistemi planetari? La missione fornirà un catalogo omogeneo di spettri planetari, producendo raffinate abbondanze molecolari, gradienti chimici e struttura atmosferica; variazioni diurne e stagionali; presenza di nubi e misurazione dell'albedo.

da Febbraio 2014 (in corso) Membro del Science Team del progetto SHARK-NIR

SHARK-NIR è uno strumento nel vicino infrarosso (da 0,96 a 1,7 micron) proposto per il Large Binocular Telescope (LBT) nell'ambito del "2014 Call for Proposals for Instrument Upgrades and New Instrument". Una volta installato sul lato sinistro del LBT, insieme alla sua controparte visibile SHARK-VIS (sul lato destro), consentirà di affrontare temi scientifici unici e stimolanti, relativi anche agli esopianeti. SHARK fornirà una copertura spettrale simultanea dalla banda B alla banda H, sfruttando le eccezionali prestazioni della capacità binoculare e l'Extreme Adaptive Optics di LBT.

da Gennaio 2023 (in corso) Membro del Comitato di Consulenza e Supporto della USC VIII

La creazione di una Unità Scientifica Centrale (USC) dedicata al calcolo rappresenta un'opportunità preziosissima per mantenere INAF alla frontiera della ricerca attuale e di quella che maturerà nei prossimi anni. Da un lato la USC VIII contribuirà al coordinamento del lavoro delle eccellenti competenze in materia già presenti nelle diverse Strutture INAF. Dall'altro lato, in combinazione con adeguati investimenti su hardware e personale - lungo le prospettive già in parte delineate in INAF - si manifesta la possibilità di far crescere un ecosistema di calcolo. Tutto ciò rappresenta un requisito imprescindibile per il pieno sfruttamento dei programmi di osservazione e di simulazione teorica in cui INAF è impegnato a competere su scala mondiale. All'interno della USC VIII sono incaricati quale membri del Comitato di Consulenza e Supporto, in qualità di esperto in rappresentanza della comunità di ricercatori in INAF attivi nel campo degli esopianeti.

RESPONSABILITÀ DI WORK PACKAGE

- Responsabile del WP 7500 (Star-Planet Interaction) del progetto GAPS.
- Responsabile del WP 2720 (Activity Indexes) del progetto GAPS2.
- Coordinatore del Working Group "SoM" (Sinergies with other Missions) della missione CHEOPS, volto alla cooperazione tra CHEOPS ed altre missioni coinvolte in ricerche

- nell'ambito esoplanetologico.
- Responsabile del WP 4100 (Atmosfere) per il consorzio CHEOPS-IT.

FINANZIAMENTI A PROGETTI

- Co-I del PRIN MUR 2022 “ESPLORA: Exoplanet Spectroscopy at high resolution to Probe their Lost Origins by Revealing their Atmospheric compositions”, selezionato da MUR a Maggio 2023 (PI: A. Bonomo, INAF).
 - Co-I del PRIN INAF 2019 “The HOT-ATMOS Project: characterizing the atmospheres of hot giant planets as a key to understand the exoplanet diversity”, selezionato da INAF a Novembre 2020 (PI: A. Bonomo, INAF).
 - Co-I del PRIN INAF 2019 “Planetary Systems At Early Ages (PLATEA)”, selezionato da INAF a Novembre 2020 (PI: S. Desidera, INAF).
- Co-I del Premiale FRONTIERA (Fostering high ResolutiON Technology and Innovation for Exo planets and Research in Astrophysics), FOE 2015, selezionato dal MIUR a Settembre 2017 (PI Nazionale: I. Pagano, INAF).
 - Co-I del Premiale WOW (A Way to Other Worlds), FOE 2012, selezionato dal MIUR a Novembre 2013 (PI Nazionale: G. Micela INAF).

ATTIVITÀ DI REFEREE

- Referee per la rivista Monthly Notices of the Royal Astronomical Society.
- Referee per la rivista Astronomy & Astrophysics.

RESPONSABILITÀ DI SUPERVISIONE

- Co-supervisione di assegnisti, borsisti e studenti di dottorato.

RELATORE PER SEMINARI, CONVEGNI E CONGRESSI

- 07 - 11 Giugno 2009 *214th American Astronomical Society Meeting*, Pasadena, CA, USA. Poster: “A Near-Infrared Study of the Orion Nebula Cluster”, G. Scandariato, M. Robberto.
- 09 - 11 Settembre 2009 International workshop “Recipes for making brownies: theory vs. observations”, ESA/ESTEC, Noordwijk, The Netherlands. Poster: “A Near-Infrared Study of the Orion Nebula Cluster”. G. Scandariato, M. Robberto, I. Pagano.
- 17 Settembre 2009 ESA/ESTEC (Noordwijk, The Netherlands). Seminario: “A near infrared study of the low mass population in the Orion Nebula Cluster”.
- 18 - 22 Ottobre 2010 International conference “The origin of stellar masses”, Tenerife, Spain. Poster: “An Infrared Characterization of the Orion Nebula Cluster”. G. Scandariato, M. Robberto, I. Pagano.
- 15 - 21 Aprile 2011 7th International Workshop “Data Analysis in Astronomy «Livio Scarsi and Vito di Gesù»”, EMFCSC, Erice, Italy. Contributed talk at the: “The extinction map of the Orion Molecular Cloud”. G. Scandariato, I. Pagano, M. Robberto.
- 12 - 13 Settembre 2011 “HST Orion Treasury Program science meeting”, STScI, Baltimore, MD, USA. Contributed talk: “The intrinsic NIR colors of low-mass PMS in the ONC”.
- 26 Ottobre 2011 ESA/ESTEC (Noordwijk, The Netherlands). Seminario: “The extinction map of the OMC-1 Molecular cloud”.
- 29 Gennaio 2013 INAF/TNG (La Palma, Canary Islands, Spain). Seminario: “Looking for Star-Planet Magnetic Interaction at TNG”.
- 11 - 13 Marzo 2013 “EChO-IT Science Meeting”, Astronomical Observatory of Palermo, Palermo, Italy. Contributed talk: “EChO and stellar activity: the molecular bands perspective”.
- 1 - 3 Luglio 2013 “EChO Open Science Workshop”, ESA/ESTEC, Noordwijk, The Netherlands. Poster: “Analysis of the impact of photospheric activity on the characterization of exoplanetary atmospheres”.

5 - 7 November 2014 Meeting nazionale "La ricerca sui pianeti extrasolari in Italia", INAF headquarters, Rome, Italy. Contributed talk: "HARPS-N and the Star-Planet Magnetic Interactions."

23 - 28 Maggio 2016 "MONDELLO WORKSHOP 2016 – Frontier Research in Astrophysics II", Mondello, Italy. Invited talk: "CHEOPS (CHARacterizing EXOPlanets Satellite) mission."

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6 - 10 Giugno 2016 "The 19th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun", Uppsala, Sweden. Poster: "The HARPS-N red Dwarf Exoplanet Survey (HADES). Time resolved spectroscopic analysis of the steady chromosphere of low-activity early-M dwarfs". G. Scandariato, and the HADES collaboration.

30 Giugno – 6 Luglio, 2019 IAU Symposium 354 "Solar and Stellar Magnetic Fields: Origins and Manifestations", Copiapo, Chile. Contributed Talk: "Analysis of the chromosphere and corona of low-activity early-M dwarfs".

1 – 5 Luglio, 2024 European Astronomical Society annual meeting, Symposium 15 "High-Resolution Solar Observations in the Time, Space, and Spectral Domains", Padova, Italy. Contributed Talk: "A broad look at activity patterns in main sequence convective stars and implications on star-planet interactions".

ISTRUZIONE

1-11-2008 – 23-02-2012 Corso Dottorato di Ricerca in Fisica.

Università degli Studi di Catania, Facoltà di Scienze MM. FF. NN., Dipartimento di Fisica e Astronomia. Scuola di dottorato in Fisica.

Principali materie / abilità professionali oggetto dello studio
Sviluppo di un progetto di ricerca finalizzato alla caratterizzazione della popolazione stellare nel giovane

Ammasso di Orione.
– Tesi: "The Initial Mass Function of the Orion Nebula Cluster from Near-Infrared Photometry".

Ottobre 2005 – Aprile 2008 Corso di Laurea Specialistica in Fisica.

Università degli Studi di Catania, Facoltà di Scienze MM. FF. NN., Dipartimento di Fisica e Astronomia.

Principali materie / abilità professionali oggetto dello studio

– Tesi: "Fotometria infrarossa della popolazione stellare e sub-stellare della Grande Nebulosa di Orione".

Livello nella classificazione personale
– Materie di base in ambito astronomico e astrofisico.

110/110 cum Laude

Ottobre 2002 – Luglio 2005 Corso di Laurea di primo livello in Fisica.

Università degli Studi di Milano, Facoltà di Scienze MM. FF. NN., Dipartimento di Fisica.

Principali materie / abilità professionali oggetto dello studio

– Materie di base dell'indirizzo in Fisica.
– Tesi: "Camere a piani resistivi (RPC): sviluppi e applicazioni". 110/110 cum Laude

Livello nella classificazione personale

Settembre 1997 – Luglio 2002 Istruzione secondaria superiore

Liceo Scientifico Statale "V. Fardella",
Trapani.

Principali materie / abilità professionali oggetto dello studio

Programmi ministeriali secondo il Piano

Livello nella classificazione personale

Nazionale Informatica. 100/100

FORMAZIONE PROFESSIONALE

17 – 18 Ottobre 2023 **Percorso formativo “Mediazione dei conflitti e Leadership partecipativa”**

Organizzato dall'Osservatorio Astrofisico di Catania

1-05-2012 – 9-12-2013 **Corso per l'abilitazione all'insegnamento per la classe di concorso A059.**

Università degli Studi di Catania, Facoltà di Scienze MM. FF. NN., Dipartimento di Matematica e Informatica. Tirocinio Formativo Attivo (TFA).

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|---|---|
| Principali materie / abilità professionali oggetto dello studio | Psico-pedagogia e didattica per l'insegnamento nella classe di concorso A059: Matematica e Scienze per la scuola secondaria di primo grado. |
| Livello nella classificazione personale | 97.46/100 |
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Settembre – Dicembre 2022 **Percorso formativo “La gestione delle emozioni” e “La gestione dei conflitti”**

Organizzato dall'Istituto Nazionale di Astrofisica

2 – 3 Dicembre 2021 **Percorso formativo “Costruire relazioni efficaci fra colleghi. Il benessere delle persone corrisponde al benessere dell'azienda”**

Organizzato dall'Osservatorio Astrofisico di Catania

22 – 26 Maggio 2017 **2nd Advanced School on Exoplanetary Science – Corso avanzato su modelli di atmosfere esoplanetarie e tecniche di rivelazione.**

Organizzato da MPIA, INAF, Università degli Studi di Salerno

6 – 13 Settembre 2015 **8th VLTI summer school “High angular resolution in astrophysics: optical interferometry from theory to observations”**

Organizzato da ESO

24 – 28 Ottobre 2011 **Visiting student presso ESA/ESTEC (Noordwijk, NL)**

1 – 5 Agosto 2011 **6th Heidelberg Summer School “Characterizing exoplanets - From formation to atmosphere”**

Organizzato da International Max Planck Research School for Astronomy and Cosmic Physics at the University of Heidelberg (IMPRS-HD).

30 Maggio – 3 Giugno 2011 **“GREAT Summer School on Astrostatistics and Data Mining”**

Organizzato da Gaia Research for European Astronomy Training (GREAT)

1 – 5 Novembre 2010 **“International Young Astronomer School on High Angular Resolution Techniques”**

Organizzato dalla Scuola di Dottorato in Astronomia e Astrofisica dell'Île de France.

12 – 14 Giugno 2010 **“Supplement to Summer School in Statistics for Astronomers VI”**

Organizzato da Penn State University, State College (PA, USA)

7 – 12 Giugno 2010 “Summer School in Statistics for Astronomers VI”

Organizzato da Penn State University, State College (PA, USA)

Maggio – Luglio 2010 Visiting student presso Space Telescope Science Institute (Baltimore, MD, USA)

22 – 23 Marzo 2010 VO-Day. . . in Tour

Organizzato da INAF – Osservatorio Astrofisico di Catania

8 – 12 Febbraio 2010 Corso di Grid Computing

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Organizzato dall’Università degli Studi di Catania, Facoltà di Ingegneria.

7 – 18 Settembre 2009 Visiting student presso ESA/ESTEC (Noordwijk, NL)

Febbraio – Giugno 2009 Visiting student presso Space Telescope Science Institute (Baltimore, MD, USA)

Maggio 2005 ECDL Core

AICA – Associazione Italiana per l’Informatica ed il Calcolo Automatico (associazione dei cultori e dei professionisti dell’Information & Communication Technology, ICT), in collaborazione con il Ministero della Pubblica Istruzione.

Principali materie / abilità professionali oggetto dello studio studi professionali, . . .) e formativi.
Utilizzo del computer a fini lavorativi (in aziende, enti pubblici,

Dicembre 2001 Attestazione Trinity College

Trinity College London, comitato esaminatore internazionale per la conoscenza della lingua inglese.

Livello nella classificazione personale 7th Grade (equivalente al Livello Europeo B2)

PREMI E RICONOSCIMENTI

- Conferimento della borsa di studio “G. La Fata” dal Liceo Scientifico “V. Fardella” di Trapani, quale migliore studente dello stesso Liceo ad avere ottenuto la Maturità Scientifica nel 2002.

26 Aprile 2011 - 26 Aprile 2013 Conferimento di due anni di iscrizione al GIRPR (Gruppo Italiano Ricercatori in Pattern Recognition, sezione italiana del IAPR), quale premio per la migliore presentazione da parte di un giovane ricercatore durante il workshop “Data Analysis in Astronomy «Livio Scarsi and Vito di Gesù»”, organizzato dal “Ettore Majorana Foundation and Center for Scientific Culture” Erice, 15 – 21 April 2011.

11 Luglio 2012 Conferimento della borsa di studio intitolata all’astronomo prizzese “G.S. Vaiana” dalla città di Prizzi (Palermo), quale migliore tesi specialistica in Astronomia redatta da un giovane laureato siciliano.

- Inserimento nella graduatoria definitiva di merito (MIUR.AOODRSI Reg. Uff. prot. 17699/ USC Palermo, 09/09/2013) del Concorso per personale docente bandito secondo D.D.G. 82/2012 per la classe di concorso A049 “Matematica e Fisica nei Licei, negli istituti Tecnici ed istituti Professionali” con punteggio 68.50/100.

CAPACITÀ E
COMPETENZE PERSONALI

Lingua madre Italiano

| | | |
|--------------|-------------|------------------|
| COMPRENSIONE | PARLATO | |
| Letture | Interazione | Produzione orale |

Altre lingue PRODUZIONE SCRITTA Ascolto

Inglese C1 C1 C1 C1 C1

Francese B1 B2 A2 A2 B1

Spagnolo B1 B2 B1 B1 B1

Hindi A1 A1 A1 A1 A1

Livelli: A1 e A2: Utente base – B1 e B2: Utente autonomo – C1 e C2: Utente avanzato
Quadro Comune Europeo di Riferimento delle Lingue

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Capacità e competenze organizzative
Curriculum vitae Gaetano Scandariato

- capacità di lavorare in gruppo;
- coordinamento di gruppi di persone durante le attività divulgative;
- partecipazione alle operazioni di voto nel ruolo di rappresentante di lista e segretario di seggio;

– supervisione di studenti;

Capacità e competenze tecniche – padronanza dei sistemi operativi Linux, MacOS, Windows;

- capacità di programmazione in linguaggio L^AT_EX e Bash; elementi dei linguaggi C, Java, Fortran;
- utilizzo dei pacchetti software di comune utilizzo in astrofisica (IDL, IRAF, R, Python. . .);
- utilizzo di telescopi amatoriali;
- redazione di testi scientifici in lingua Italiana e Inglese;
- realizzazione di programmi osservativi per telescopi professionali;
- esperienza osservativa con diversi telescopi e strumenti;
- competenze di base in High Performance Computing.

Patente o patenti Automobilistica (Patente B)

ELENCO DEI PRODOTTI
DELLA RICERCA

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Firma

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