


Alen Khanbekyan


DATE OF BIRTH:
15/07/1980

CONTACT

Nationality: Italian, Armenian

Gender: Male

 Italy

 alen.khanbekyan@unife.it

WORK EXPERIENCE

01/04/2005 – 31/03/2007

Post-doctoral fellowship of INFN

INFN-PISA

Fr and Na Magneto-optical Trapping, Laser system alignment, Data acquisition, Vacuum system ect.

Pisa, Italy

01/05/2010 – 31/08/2010

Post-Doctoral Fellowship

Ferrara University

Studio di vari tipi di coating, per trappole Magneto-Ottiche di Fr e Rb

Ferrara, Italy

01/01/2008 – 31/03/2010

Fellowship of Foreign Affairs Minister of Italy

Fellowship of Foreign Affairs Minister of Italy

Trappole Magneto-Ottiche di Fr

Siena, Italy

01/04/2011 – 31/03/2012

Fellowship of Province of Siena

E.S.Co.Si - Siena

Study of varous coatings for Fr and Rb Magneto-optical traps.

Siena, Italy

01/11/2012 – 31/10/2014

Post-Doctoral Fellowship

Siena University

Fr and Rb Magneto-optical Trapping, Laser system alignment, Data acquisition, Vacuum system ect.

Siena, Italy

01/03/2015 – CURRENT

Post-Doctoral Fellowship

Ferrara University

Search of dark matter by laser spectroscopy

Ferrara, Italy

EDUCATION AND TRAINING

01/06/1996 – Yerevan, Armenia

High School

Phys-Math school at Yerevan State University

31/05/2000 – Yerevan, Armenia

Master Degree

Physics Department, Yerevan State Univesity

Thesis title: "Radiation trapping in Ga atom vapour"

25/11/2005 – Siena, Italy



PhD in experimental physics

Physics Department, Siena University

Thesis Title: *Production and Magneto-Optical Trapping of 210Fr.*

LANGUAGE SKILLS

MOTHER TONGUE(S): Armenian

OTHER LANGUAGE(S):

Italian

Listening C2	Reading C2	Spoken production C2	Spoken interaction C2	Writing C2
------------------------	----------------------	------------------------------------	-------------------------------------	----------------------

Russian

Listening C2	Reading C2	Spoken production C2	Spoken interaction C2	Writing C2
------------------------	----------------------	------------------------------------	-------------------------------------	----------------------

English

Listening B1	Reading B2	Spoken production B2	Spoken interaction B2	Writing B1
------------------------	----------------------	------------------------------------	-------------------------------------	----------------------

German

Listening A1	Reading A1	Spoken production A1	Spoken interaction A1	Writing A1
------------------------	----------------------	------------------------------------	-------------------------------------	----------------------

DIGITAL SKILLS

Microsoft Word / Power Point / Microsoft Excel / Microsoft Office / Blender 2.8 (eevee render) / OriginPro 8.5 / MATLABSimulink / Creo parametric

CONFERENCES AND SEMINARS

Seminars

- Dipartimento di Fisica, Università degli Studi di Siena, Italia 10 Gennaio 2004 "Francium magneto-optical trap "
-
- Giornata del Dipartimento, Dipartimento di Fisica, Università degli Studi di Siena, Italia 16 Febbraio 2006 "Atomic physics meets the nuclear physics: applications of the magneto-optical traps "
-
- LENS. Università di Firenze, Italia 15 Febbraio 2008 "Francium magneto-optical trap"
-
- Institute for Physical Research, Ashtarak, Armenia, 12 Giugno 2008 "Magneto-optical trapping of ^{210}Fr "

Conferences

YAO 2004 (Young Atom Opticians), Innsbruck, Austria.

INFMeeting 2004, Genova, Italia.

ICAP 2006 (International Conference on Atomic Physics), Innsbruck, Austria.

Laser Physics 2017, Ashtarak, Armenia

Optics and its applications, Optics 2018, Trento, Italy

Laser Physics 2019, Ashtarak, Armenia

Optics and its applications, Optics 2019, Yerevan, Armenia

ORGANISATIONAL SKILLS

Organisational skills

good organizational and team-leading skills

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

good communication skills

SUPERVISORS

Supervisors

Prof. Roberto Calabrese -Dipartimento di Fisica e Scienze della Terra, Università di Ferrara, Via Saragat 1, Ferrara, 44122, Italia, e-mail: roberto.calabrese@unife.it

Prof. Aram Papoyan - Institute for Physical Research, NAS RA, Ashtarak-2, 378041, Ashtarak, Armenia, Tel.: +37410288150, e-mail: aram.papoyan@gmail.com

Prof. Emilio Mariotti -Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, Università degli Studi di Siena, Via Roma 56, Siena, 53100, Italia, Tel.: +390577234684, e-mail: mariotti@unisi.it

COURSES

Courses

1 October 2006 – 2 July 2007 – SSIS Toscana

1 October 2007 – 1 July 2007 – SSIS Toscana

1 October 2008 – 1 July 2009 – SSIS Toscana

21 April 2009 – 12 June 2009 – physics experiments, at Physics Department of Siena University

6-9 September 2010 - Summer school of physics - Pignatone

2 November 2010 – 30 September 2011 – physics experiments, at Physics Department of Siena University

9 January 2012 – 30 September 2012 – physics experiments, at Physics Department of Siena University

2-5 September 2013 - Summer school of physics - Pienza

1-5 September 2014 - Summer school of physics - Pienza

2-5 September 2015 - Summer school of physics - Pienza

A.A. 2015/2016 - Optics laboratory, at Physics Department University of Ferrara.

5-8 September 2016 - Summer school of physics - Vivo d'Orcia.

4-7 September 2017 - Summer school of physics - Vivo d'Orcia.

25 September 2017- 6 October 2017 - Fast course of physics., 25 hours. Corso di Laurea Scienze Biologiche, Siena University

1 October 2016 - April 2019- Physics lectures 60 hours, Corso di Laurea Scienze Biologiche, Siena University

25 February 2019 - 07 June 2019 - Physics lectures 25 hours, Corso di Laurea Scienze Biologiche, Ferrara University

1 March 2020 - 30 May 2020 - Physics lectures 25 hours, Corso di Laurea Scienze Biologiche, Ferrara University

Courses

Laser Cooling and Applications, Les Houches (France), 12-24 September, 2004

Corso di Radioprotezione, Pisa, 1 June 2005

VII International Course "Detectors and Electronics for High Energy Physics, Astrophysics, Space Applications and Medical Physics", INFN Legnaro (PD), 3-7 April, 2017

VIII International Course "Detectors and Electronics for High Energy Physics, Astrophysics, Space Applications and Medical Physics", INFN Legnaro (PD), 1-5 April, 2019

LIBERATORIA

Il sottoscritto dichiara di essere informato, ai sensi del d.lgs n. 196/2003 e del GDPR 679/16 "Regolamento europeo sulla protezione dei dati personali" che i dati personali raccolti saranno trattati anche con strumenti informatici esclusivamente nell'ambito del procedimento per il quale la presente dichiarazione viene resa e per tutti gli adempimenti connessi.

Firmato: Alen Khanbekyan