

PERSONAL INFORMATION

Andrea Notari



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✉ [REDACTED]

Sex M | Date of birth [REDACTED] | Nationality Italian

WORK EXPERIENCE

- 01/05/2021 – present **Team Leader of Antenna R&D Department**
ASK Industries S.p.A. (Reggio Emilia, Italy)
- Responsible for Antenna Development
 - Responsible for Budget Definition and Management of Antenna Development Department
 - Responsible for Antenna Department HR Management (20-30 engineers/technician)
 - Reporting to ASK Group CTO
- Business or sector** Automotive OEM
- 01/08/2006 – 30/04/2021 **Team Leader of Antenna Electronics R&D Department**
ASK Industries S.p.A. (Reggio Emilia, Italy)
- Responsible for Antenna Electronic Development
 - Responsible for Budget Definition and Management of Antenna Electronic Development Department
 - Responsible for Antenna Electronic Department HR Management (10-20 engineers/technician)
 - Reporting to ASK Group CTO
- Business or sector** Automotive OEM
- 02/11/2001 – 31/07/2006 **Electronic Designer in Antenna R&D Department**
ASK Industries S.p.A. (Reggio Emilia, Italy)
- Responsible for Electronic Design (RF HW and Antenna Radiating Element) in several Antenna Products for OEM Automotive market
 - Reporting to ASK Team Leader of Antenna Electronics R&D Department
- Business or sector** Automotive OEM

EDUCATION AND TRAINING

- Nov 1993 – Apr 2001 **Master's degree in Electronic Engineering (110/110 cum laude)** EQF 7
University of Parma (Parma, Italy)
- Electronics
 - Telecommunication
- Sep 1988 – Jun 1993 **Scientific High School Diploma (60/60)** EQF 5
Liceo Scientifico Statale "A. Moro" (Reggio Emilia, Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
In addition to the B1 exam passed during Engineering degree courses, attended 7 group/individual English language courses after graduation and took 2 Trinity College Exams (B2.1 and B2.3)					
French	A2	A2	A2	A2	A2
Self-Assessment					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills • good communication skills gained through my experience of more than 15 years as R&D Team Leader with R&D worldwide spread (EU, China, Brazil)

Organisational / managerial skills • Ability to motivate, coach, manage people and delegate tasks gained through my experience of more than 15 years as R&D Team Leader
 • Leadership tasks gained through my experience of more than 15 years as R&D Team Leader (currently responsible for a team of 20-30 people)

Job-related skills • good command of R&D development process in automotive environment
 • good command of Antenna and RF product development process
 • good command of project management skills with experience in managing and supervising projects

Digital skills • good command of office suite (Word, Excel, Project, Visio)
 • good command of some ERP (SAP, AS400/Diapason)
 • good command of some PDM/PLD (Quarta, ECTR)
 • good command of some ECAD (PADS, Dx Designer)
 • good command of some Simulation SW for Electronic HW Development (AWR-MWO)
 • good command of some Simulation SW for Antenna Electromagnetic Development (CST, HFSS)

Other skills • Strive company resources to achieve projects and business goals with a strategic vision.

Driving licence Italian B

ADDITIONAL INFORMATION

- Main Customer Project**
- Leded tens of Antenna Systems Projects in the last 2 decades involving
 - Different functions: Broadcasting (AM, FM, DAB, DTV, etc.), navigation (GPS, Glonass, Galileo, Beidou), connectivity (Cellular, WiFi, BT), etc
 - Different Antenna Installation: Roof, Glass, Dashboard, Bumper, Trunk-lid, etc
 - Different customer: Stellantis, VW Group, Geely, TATA, Suzuki, etc
 - Different market: EU, China, Japan, North America, South America, etc
- Main Financed Project**
- “CGS – Connettività e Guida Sicura (Connectivity and Safe Driving)”
 - Financing: MISE (Ministero dello Sviluppo Economico)
 - Activities: Industrial Research and Experimental Development
 - Duration: 36+6=42 months (January 2019 – June 2022)
 - Budget: 5Meur
 - Role: Responsible
 - “SMART ANTENNA Module for AUTOMOTIVE”
 - Financing: POR FESR Emilia Romagna
 - Activities: Industrial Research and Experimental Development
 - Duration: 18 months project (January 2017 - June 2018)
 - Budget: 0.5Meur
 - Role: Responsible
 - “ANM – Active Noise Management”
 - Financing: MISE (Ministero dello Sviluppo Economico)
 - Activities: Industrial Research and Experimental Development
 - Duration: 36+12=48 months project (January 2016 – December 2019)
 - Budget: 5Meur
 - Role: Supporting
- Publications**
- “Low-cost 3D tin sheet multiband shark-fin antenna for LTE MIMO vehicular application”
 - F. Melli, S. Lenzini, M. Cerretelli, E. Coscelli, A. Notari, S. Selleri, L. Vincetti
 - Microwave and Optical Technology Letters, Volume 62, Issue 12, December 2020
- Book**
- “Modelling Window Glass Automotive Antennas with EM Solvers. Experimental Validation Using a Full-Sized Car Model”
 - M. Cerretelli, P. Facchini, A. Notari, G. Biffi Gentili
 - *Vehicle Engineering*, Academy Publish Team, 31-12-2014, ISBN: 978-0-9835850-8-4
- Conferences**
- “Simulation-Based Analysis of Experimental 5G NR Downlink CSI-RSRP-Based Handover Performance”
 - E. Oliosi; S. Mathew; L. Davoli; G. Ferrari; N. Strozzi; F. Manghi; F. Casoli; A. Notari
 - European Wireless 2023
 - “3D Automotive Antenna for 5G and V2X communications”
 - R. F. Corradi; S. Lenzini; F. Melli; A. Notari; L. Vincetti
 - 2021 XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS)
 - “Low Profile Wideband 3D Antenna for Roof-Top LTE Vehicular Applications”
 - F. Melli, S. Lenzini, M. Cerretelli, E. Coscelli, A. Notari, L. Vincetti
 - 2019 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC)
 - “Automotive glass antenna for worldwide cellular phone coverage”
 - M. Cerretelli, P. Facchini, A. Notari, G. Biffi Gentili
 - 5th European Conference on Antennas and Propagation - EuCAP 2011, 11-15 Apr. 2011, Rome, I

Patent
(Invention /Utility Model)

- "Antenna for Motor Vehicles"
 - Applicants: ASK Industries S.p.A.
 - Inventors: G. Camellini, A. Vignali, A. Notari
 - Priority Date: 15/11/2021
- "Vehicle-mounted Bluetooth antenna"
 - Applicants: Ningbo ASK Automotive Sound and Communication Co., Ltd
 - Inventors: M. Cerretelli, P. Facchini, A. Notari, Li Shengwang, Hu Yuge, Yu Jianneng, Huang Yang, Wang Libing
 - Priority Date: 02/03/2021
- "MILLIMETER-WAVE ANTENNA FOR 5G APPLICATIONS AND VEHICLE COMPRISING SUCH ANTENNA"
 - Applicants: ASK Industries S.p.A.
 - Inventors: M. Cerretelli, A. Mazzinghi, A. Freni, F. Casoli, A. Notari
 - Priority Date: 19/02/2021
- "DIRECTIONAL ANTENNA, AND VEHICLE COMPRISING SUCH DIRECTIONAL ANTENNA"
 - Applicants: ASK Industries S.p.A.
 - Inventors: M. Cerretelli, A. Notari, P. Facchini, S. Lenzini
 - Priority Date: 19/01/2021
- "MILLIMETER-WAVE ANTENNA SYSTEM FOR RADIOMOBILE COMMUNICATIONS IN VEHICLES"
 - Applicants: ASK Industries S.p.A.
 - Inventors: A. Notari, F. Casoli, R. Maggiora, T. Nili
 - Priority Date: 10/08/2020
- "ANTENNA MODULE FOR A VEHICLE WITH RADIANT ELEMENTS ARRANGEMENT"
 - Applicants: ASK Industries S.p.A.
 - Inventors: A. Notari, M. Cerretelli, G. La Cono, P. Facchini, M. Roncaglia, G. Camellini
 - Priority Date: 14/05/2020
- "MANUFACTURING METHOD OF A REAR WINDOW FOR VEHICLES PROVIDED WITH A HEATER-INTEGRATED ANTENNA"
 - Applicants: ASK Industries S.p.A.
 - Inventors: G. La Cono, A. Notari, T. Nili, L. Larcher, P. Lugli
 - Priority Date: 18/03/2019
- "A Kind of tool and method for testing the resistance of the inner and outer conductor of coaxial cable"
 - Applicants: ASK Industries S.p.A.
 - Inventors: Hu Yuge, A. Notari, G. La Cono, Yu Jianneng, P.Simone
 - Priority Date: 26/03/2019
- "An antenna module with printed circuit system for vehicle"
 - Applicants: ASK Industries S.p.A.
 - Inventors: G. La Cono, A. Notari, T. Nili, L. Larcher, P. Lugli
 - Priority Date: 31/01/2019
- "A kind of antenna box"
 - Applicants: Ningbo ASK Automotive Sound and Communication Co., Ltd
 - Inventors: Hu Yuge, A. Notari, G. La Cono, Yu Jianneng, Cheng Shengjin
 - Priority Date: 07/12/2018

Memberships

IEEE
REDCA
EOS-ESD Association
C2C Consortium

Main University Collaboration

- University of Florence (Prof. A. Freni)
- University of Modena and Reggio Emilia (Prof. L. Vincetti)
- University of Modena and Reggio Emilia (Prof. L. Larcher)
- University of Parma (Prof. S. Selleri)
- University of Parma (Prof. G. Ferrari)
- University of Bologna (Prof. R. Rovatti)
- Polytechnic of Turin (Prof. R. Maggiora)

Main Courses and Seminars Hold

- Seminar on “Future of Automotive and Antennas”
 - Organizer: MUNER (Motor-vehicle University of Emilia Romagna) – Prof. R. Rovatti
 - Context: School for higher education on Future of automotive for intelligent mobility (Nov. 17 – Dec. 7, 2022)
 - Duration: 1.45h
 - Date: 06/12/2022
- Seminar on “Future of Automotive and Antennas”
 - Organizer: MUNER (Motor-vehicle University of Emilia Romagna) – Prof. R. Rovatti
 - Context: School for higher education on Future of automotive for intelligent mobility (Nov. 15 – Dec. 3, 2021)
 - Duration: 1.45h
 - Date: 22/11/2021
- Seminar on “Automotive Antenna Systems”
 - Organizer: UNIMORE (University of Modena and Reggio Emilia) – Prof. L. Vincetti
 - Context: Course of Photonics and Microwaves, Master’s Degree on Electronics Engineering
 - Duration: 1.45h
 - Date: May 2019
- Seminar on “Automotive Antenna Systems”
 - Organizer: UNIMORE (University of Modena and Reggio Emilia) – Prof. L. Vincetti
 - Context: Course of Photonics and Microwaves, Master’s Degree on Electronics Engineering
 - Duration: 1.45h
 - Date: Apr 2018
- Seminar on “Automotive Antenna Systems”
 - Organizer: UNIMORE (University of Modena and Reggio Emilia) – Prof. L. Vincetti
 - Context: Course of Photonics and Microwaves, Master’s Degree on Electronics Engineering
 - Duration: 1.45h
 - Date: May 2017
- Seminar on “Automotive Antenna Systems”
 - Organizer: UNIMORE (University of Modena and Reggio Emilia) – Prof. L. Vincetti
 - Context: Course of Photonics and Microwaves, Master’s Degree on Electronics Engineering
 - Duration: 1.45h
 - Date: May 2016
- Seminar on “Automotive Antenna Systems”
 - Organizer: UNIMORE (University of Modena and Reggio Emilia) – Prof. L. Vincetti
 - Context: Course of Photonics and Microwaves, Master’s Degree on Electronics Engineering
 - Duration: 1.45h
 - Date: May 2015

**Main Courses and Seminars
Attended**

- “Operator for HV Vehicles in accordance to German Law (DGUV 209-093) – 2nd stage”
 - Organizer: TUV Rheinland
 - Duration: 16h + 8h exam
 - Date: 30-31/05-01/06/2023
- “ASPICE Process Assessment Training”
 - Organizer: Capgemini Engineering
 - Duration: 8h
 - Date: 12-17/04/2023
- “Basics of Cybersecurity in Automotive”
 - Organizer: Capgemini Engineering
 - Duration: 10h
 - Date: 21/06 and 11-15-18-27/07/2022
- “Operator for HV Vehicles in accordance to German Law (DGUV 200-005 / BGI8686) – 1st stage”
 - Organizer: TUV Italia
 - Duration: 4h
 - Date: 30/07/2021
- “Introduction to System Engineering and Requirement Management”
 - Organizer: Capgemini Engineering
 - Duration: 8h
 - Date: 30/06-05/07/2021
- “Meeting Management inside Company”
 - Organizer: F. Fiori
 - Duration: 4h
 - Date: 11/02/2020
- “MSA (Measurement Systems Analysis)”
 - Organizer: A. Zaffagnini
 - Duration: 16h
 - Date: 21-22/02/2018
- “Internationalization”
 - Organizer: ASK Industries and EOS
 - Duration: 12h
 - Date: 19-20/01/2018
- “Collaboration in the Company”
 - Organizer: ASK Industries and EOS
 - Duration: 12h
 - Date: 15-16/12/2017
- “HR Management”
 - Organizer: ASK Industries and EOS
 - Duration: 12h
 - Date: 24-25/11/2017
- “Economics”
 - Organizer: ASK Industries and EOS
 - Duration: 12h
 - Date: 20-21/10/2017
- “Role of Manager”
 - Organizer: ASK Industries and EOS
 - Duration: 12h
 - Date: 29-30/09/2017
- “VDA 6.3 Audit Process”
 - Organizer: CIS
 - Duration: 16h
 - Date: 26-27/11/2013
- “PCBA Technologies”
 - Organizer: PREVENT LAB
 - Duration: 8h
 - Date: 21/11/2012

**Main Courses and Seminars
Attended**

- “ISO-26262”
 - Organizer: INTECS
 - Duration: 16h
 - Date: 27-28/11/2012
- “PCB Technologies”
 - Organizer: PREVENT LAB
 - Duration: 8h
 - Date: 17/04/2012
- “Telematic for Automotive - eCall”
 - Organizer: ATA Congress
 - Duration: 8h
 - Date: 15/11/2011
- “Project Management”
 - Organizer: Blulink
 - Duration: 40h
 - Date: 7-13-14-20-21/07/2011
- “DAB Workshop”
 - Organizer: ATA Congress
 - Duration: 8h
 - Date: 20/10/2010
- “DOE (Design of Experiment)”
 - Organizer: IFOA
 - Duration: 16h
 - Date: 14/05-18/06/2010
- “AQF – MRF (Assurance Qualité Fournisseurs – Management Relation Fournisseurs)”
 - Organizer: Bureau Veritas Italia
 - Duration: 16h
 - Date: 29-30/04/2010
- “Transfer Impedance”
 - Organizer: Ing. Carobbi (UNIFI)
 - Duration: 8h
 - Date: 31/05/2006
- “AWR.MWO”
 - Organizer: Medeos-AWR
 - Duration: 8h
 - Date: 27/04/2005
- “APQP - PPAP”
 - Organizer: Studio ZF
 - Duration: 8h
 - Date: 06/04/2005
- “Compatibilità Elettromagnetica Sistemi Elettronici: Norme Problemi Soluzioni”
 - Organizer: IMAPS
 - Duration: 8h
 - Date: 08/02/2005
- “Radio Frequency Integrated Circuit Power Amplifiers: class-E and class-F topologies”
 - Organizer: L. Larcher (UNIMORE)
 - Duration: 8h
 - Date: 14/01/2005
- “La Televisione digitale Terrestre”
 - Organizer: Fondazione Guglielmo Marconi – Fondazione Ugo Bordoni – Università di Bologna
 - Duration: 8h
 - Date: 30/05/2003
- “Soluzioni ed applicazioni per la connettività wireless”
 - Organizer: Fondazione Guglielmo Marconi – Fondazione Ugo Bordoni – Università di Bologna
 - Duration: 8h
 - Date: 29/05/2003

**Main Courses and Seminars
Attended**

- "RF Design Fundamentals"
 - Organizer: Agilent Technologies
 - Duration: 16h
 - Date: 20-21/11/2001
- "Tecniche di disegno di amplificatori per alte frequenze e criteri di sintesi di reti di adattamento"
 - Organizer: Prof. Avitabile (UNIFI)
 - Duration: 8h
 - Date: 12/11/2001

Hobbies Technology, Sports, Traveling, Movies

"Abilitazione alla Professione" Abilitazione alla professione di Ingegnere ottenuta nella Prima Sessione dell'anno 2001 presso l'Università degli Studi di Parma, Parma (IT)

Self-Declaration "Il sottoscritto Andrea Notari, consapevole che le dichiarazioni false comportano l'applicazione delle sanzioni penali previste dall'art. 76 del D.P.R. 445/2000, dichiara che le informazioni riportate nel suddetto curriculum vitae, corrispondono a verità"

Personal Data Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e del successivo Decreto Legislativo n. 101/2018