Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Casiraghi Corrado**
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E-mail	[redacted]
Nationality	Italian
Date of birth	[redacted]

Work experience

Name and address of employer	FIA Federation Internationale de l'Automobile
Type of business or sector	International Organisation
Dates	June 2020 - Today
Main activities and responsibilities	Oversee each research project from first feasibility study until the successful implementation in a race environment. Manage the research service providers involved with each research project (i.e. testing facilities, laboratories, etc.). Conduct experimental test and simulation work as required to support the objectives of the research projects. Collaborate with motorsport industry suppliers relevant to each research project for the purpose of research as well as support of delivery of projects to the race environment. Assist with the drafting of technical standards, guidelines and regulations based on the results of the research activities. Facilitate and support the Research Working Group and any associated meetings in order to provide the Safety Department with a scientific peer review capability for research projects and ultimately ensure the validity of the research work conducted at the FIA. Support and contribute to the relevant FIA working groups and commissions. Support the relevant Technical Working Groups as required to obtain input for each research project and align the project deliverables with the interests of the championship stakeholders. Liaise with the FIA Technical Department and other groups within the FIA Safety Department to ensure the research work is translated into relevant & enforceable regulations. Conduct detailed accident investigations as required and compile accident reports including robust conclusions and proposed actions to prevent similar cases in future or to reduce injury severity.

Name and address of employer	Tatuus Racing (http://www.tatuus.it)
Type of business or sector	Racing car manufacturer
Dates	2014 - 2020
Occupation or position held	Technical director – Tatuus Racing
Main activities and responsibilities	Working in a multidisciplinary and international environment the task of this activity is the coordination of the regulatory (FIA), the design department, the research on the more promising technologies together with a close partnership with the main suppliers and the internal production and assembly groups. A close relationship is permanently maintained with customers, series and teams regularly interact to guide the continuous development of the products. The product range managed by the technical group has grown massively in the last five years, from the two models manufactured up to year 2012, the group is today capable of designing and supporting seven different products in 4 continents: • *FIA Regional F3 (Asian and European series, 40 cars)* • *Formula Renault 2019 (European championship, 24 cars)* • *W-Series (European championship, 22 cars)* • *FIA F4 (250 single seaters actually racing worldwide in 5 championships)* • *Road to Indy USF2000 and IndyPro 2000 (single seater championships supporting Indycar events in USA).* • *Toyota Racing Series FT60 (New Zealand championship, 25 cars)* *Acting as a consultant company, the technical group managed the design and performance research for the Norma M30 LMP3 chassis.* *For all the projects the technical office provides a complete documentation (part list and technical books) and on-site support to launch the program.* *Ability to plan and deliver projects within budget and within the scoped time.*
Dates	2009 – 2014
Occupation or position held	Project engineer – Tatuus Racing
Main activities and responsibilities	Overall project management of the complete race car vehicle, focused on the design and testing of the safety structures (survival cell and composite structures), the bodywork development, iterating with the aerodynamic and the mechanical groups (suspension, systems). Projects managed in this period have been Formula Abarth (single-seater) and CN sportscar (PY012).
Dates	2005 – 2009
Occupation or position held	Aerodynamic engineer – Tatuus Racing
Main activities and responsibilities	In charge of the planning and the development of the internal aerodynamic department, it included the setup of the CFD software and the design and building of the Tatuus' proprietary wind tunnel. All technical aspects including supplier selection, budget, project plan and problem solving were part of this program.
Dates	2003 - 2005
Occupation or position held	Development engineer – Tatuus Racing
Main activities and responsibilities	In charge of the development of multiple single seater projects, the main task were performance and reliability analysis, problem identification and action planning.
Dates	2000 - 2002
Occupation or position held	Technical support engineer – Tatuus Racing
Main activities and responsibilities	Trackside assistance and technical documentation editions (part list and user manual).

Other experiences

Name and address of employer	Alma Mater Studiorum – Università di Bologna
Type of business or sector	University
Dates	2008 - 2010
Occupation or position held	Contract professor for the course of high-performance land vehicles http://www.eng.unibo.it/PortaleEn/Academic+programmes/Teachings/dettaglio.htm?AnnoAccademico=2008&IdComponenteAF=156329&CodDocente=041907&CodMateria=42594
Main activities and responsibilities	Teaching of vehicle aerodynamic and dynamic behavior of racing cars, fundamentals of sensor measurements and data analysis.
Name and address of employer	Various racing teams
Type of business or sector	Freelance engineer
Dates	2009 - 2016
Occupation or position held	Freelance engineer
Main activities and responsibilities	Race engineer focused on the endurance race strategy (Le Mans 24H, Spa 24H, Abu Dhabi 12H, Sepang 12H). In charge of timing data feeding for strategy purpose, overall race strategy management, driving time, tire and fuel management.

Education and training

Dates	June 1998 – April 1999
Title of qualification awarded	University Internship
Principal subjects/occupational skills covered	FEA dynamic forced analysis of a crankshaft for an 8-cylinder engine. This activity included the complete numerical analysis and the validation of the results with experimental engine bench testing.
Name and type of organisation providing education and training	Ferrari Automobili Spa
Dates	1999
Title of qualification awarded	Master of Science Degree in Aerospace Engineering
Principal subjects/occupational skills covered	Aerodynamic, Gasdynamic, Aeronautical structures and materials, Combustion, Aircraft design.
Name and type of organisation providing education and training	Politecnico di Milano