

**Technical Coordinator – Electric**  
International Technical Commission (CTI)

**Job description**

Full time post  
Based in Mies (VD),  
Switzerland Starting date: as  
soon as possible

**Unique opportunity for an individual passionate about motorcycling sports**

**THE FIM**

The FIM (Fédération Internationale de Motocyclisme) founded in 1904, is the governing body for motorcycle sport and the global advocate for motorcycling. The FIM is an independent association formed by 121 National Federations throughout the world. It is recognised as the sole competent authority in motorcycle sport by the International Olympic Committee (IOC). Among its 50 FIM World Championships the main events are MotoGP, Superbike, Endurance, Motocross, Supercross, Trial, Enduro, Cross-Country, Speedway and E-Bikes. Furthermore, the FIM is also active and involved in the following areas: public affairs, road safety, touring and protection of the environment. The FIM was the first international sports federation to impose an Environmental Code in 1994.

**About the FIM ([www.fim-moto.com](http://www.fim-moto.com))**

Technology is an essential part of motorcycling sport. The most memorable victories have always associated the genius of audacious riders and the technical progress of their engineers.

To strengthen its technical capabilities (CTI - Commission Technique Internationale / FIM Technical & Safety Dpt.), the FIM is looking for a dedicated and team-oriented Technical Coordinator/Engineer.

**Purpose of the post**

As Technical Coordinator specialized in **Electric** you will play an instrumental role in the development, implementation and enforcement of the FIM technical/electric regulations for all our World Championships in order to ensure the fairness and safety of our competitions.

Under the supervision of the FIM CTI Technical Manager and in collaboration with the three current FIM CTI Coordinators, as well as with the CTI, you will handle all technical/electrical and administrative aspects of the competition as well as the other FIM research or homologation programmes, working closely with our numerous stakeholders (i.e., sporting commissions, manufacturers, national federations, circuits, promoters, teams, laboratories, etc.).

**Your tasks**

Your tasks will include (but will not be limited) to the following:

**1. Research and development for new FIM Electric disciplines and Electric Vehicles (EVs).**

**1.1** Development of equivalences **between different Electric Vehicles** racing in the same discipline/class. Development of an EVs Balance Of Performances (BOP) programme. Electronic skills for EVs instrumentation (datalogger, GPS, IMU, sensors), track test data collection and analysis (including powertrain test bench data) will be required.

**1.2** Development of equivalences **between different Internal Combustion Engines vehicles (ICE) vs Electric vehicles (EVs)** racing in the same discipline/class. Development of an ICE vs EVs Balance Of Performances (BOP) programme. Electronic skills for EVs and ICE vehicles instrumentation (datalogger, GPS, IMU, sensors), track test data collection and analysis (including powertrain test bench data) will be required.

## 2. Technical Rules

With the support of experts from the CTI and the other sporting Commissions:

- Develop and roll out Technical Rules books (mainly focused in priority on electric for your position) for new FIM competitions using FIM Standards, scientific studies or technical analyses (including external expertise when necessary);
- Review and update the Technical Rules books for existing FIM competitions based on direct feedback from FIM Technical Directors, associated sporting commissions and involved stakeholders.

## 3. Homologations

- Support and work in close cooperation with the sporting disciplines, taking into account their requirements in the field of motorcycle Homologations (mainly focused in priority on EVs for your position) and the FIM Racing Homologation Programme for any products related to safety (Electrical PPE, Electrical safety equipment, etc.).

## 4. Education / Knowledge

- Create and deliver training content for (face-to-face and online) technical/electric seminars; sometime with external support from specialists;
- Prepare and run tests for participants in order to deliver FIM licences;
- Monitor emerging trends that could affect FIM technical/electric regulations;
- Gain continuous knowledge of the latest research (or technical/electrical/new energies development) in the relevant fields.

## 5. Projects

- Work with the Technical & Safety Dpt. and CTI to develop new projects based on the strategic needs;
- Develop and nurture contacts with industry at high technical level;
- Share technical/electrical knowledge and expertise across the FIM and provide technical guidance to other FIM projects and initiatives when required.

## 6. Administrative duties

- Various administrative duties, including the preparation of agendas and minutes as well as compiling documentation for various meetings (mainly focused on electric topics for your position).
- Communication to stakeholders (Virtual meetings, Info letters, Press releases);
- Reporting on technical activities to the CTI Technical Manager, CTI Director, Sports Director, CEO.
- Archiving of data and documents belonging to the FIM.

### Qualifications and skills required:

- **Challenger, team spirit, pro-active, positive, resilient, passionate about motorsports.**
- **Master or Engineering degree** in one of these fields (by **priority** order): **Electrical**, Electronics, Mechanical, or Automotive Engineering (PhD in related field is an asset).
- Excellent command of both written and spoken **English and French** (FIM official languages) is essential (technical documents and correspondence). Italian and/or Spanish are an asset.
- At least **5-year experience** in a motorcycling/automotive related industry (ideally in R&D, examples: Formula-E, Moto-E, Electric racing company/team).
- Proven experience in **Project Management and Project Leadership**.
- Very good computer skills (including the ability to manage electronics: data logging/recording softwares, data analysis softwares, powertrain test bench data).
- Interest in technical and sporting issues.
- Self-starter and well organised with capacity to work independently and in autonomy, ability to prioritise and strictly respect deadlines.
- **Work and travel on weekends** in connection with FIM events will be required (range: between 10 to 20 events per year).



The FIM is an equal opportunity employer.

Interested? Please send us your complete job application (including motivation letter, CV, salary expectations and copies of your work references and diplomas) through the Job-Up platform by using the following link: <https://www.jobup.ch>

**We would be delighted to receive your application.**