



Preliminary Announcement

Organizers:

- **SITK RP** - Association of Communication Engineers and Technicians of the Republic of Poland - National Board

And

- Union of European Railway Engineer Associations

in cooperation with

- **SITK RP** - Association of Communication Engineers and Technicians of the Republic of Poland Warsaw Branch

inviting and asking to put in your schedule 15th – 17th May 2024:

VI International Scientific-Technical Conference “Modern technologies in design, construction and maintenance of rail switches - 2024”

which will take place in Hotel Boss, Zwanowiecka 20, 04-849 Warszawa.

Ladies and Gentlemen,

Organizers of VI International Scientific-Technical Conference “Modern technologies in design, construction and maintenance of rail switches - 2024” have pleasure, in advance, to invite a large community of professionals engaged in design, manufacturing, construction, maintenance and diagnostics in unique solutions – traffic management systems for rail vehicles.

Association of Communication Engineers and Technicians of the Republic of Poland following suggestions of the rail professionals, continues the initiative to organize a forum to discuss a wide spectrum of topics, problems, exchange of experiences and presentation of modern solutions in domain of rail and tram vehicles.

As the Association combines professionals from many types of transportation including for example economics – this time we propose to focus on rail switches and intersections and their joints in rail route as: railways, tramways, undergrounds. Especially critical are solutions for the high speeds, interlink drive – steering points, and solutions allowing shortest construction times and maintenance economics.



Working on a detailed schedule we will do our best to secure maximum time for exchange of practical experiences among participants, manufacturers' representatives, scientists, businessmen and governing authorities. We do hope that new and renewed contacts during the conference will contribute to upgrade the knowledge and the technical culture.

There are planned the guests' speeches, sessions regarding implementations and presentations of modern equipment, technologies, measurement tools and technical diagnostics of switches as well as capacities of co-organizers and partners. There will be specialized panels attended by various infrastructures' governing organizations. Organizers will make sure to provide enough time for discussions.

Our main goal is:

- To present all aspects – organizational, technical, economical and legal related to maintain the critical part of rail route and in particular its construction, maintenance and diagnostics – to secure safety of vehicles movement - using technical research,

and:

- integration of transportation environments (railway, subway, trams, roads) in Poland and abroad,
- to discuss the role of designer and diagnostics tasks as well as infrastructure maintenance crews in processes and subjects like maintenance prediction, products durability etc.,

and by this to:

- define and unify the procedures, rules, documentation related to technical approvals both by the supplier and the buyer including operation,
- present and to recommend to use measurement equipment with software demonstrating the results as well as advisory modes at each stage: from manufacturer to end user,
- support a unification process methods and measurement technics with interpretation of the results,
- initiate and develop cooperation among parties,
- procedures certification, methodologies and acceptance for their implementation.

Attendees:

Professionals engaged in design, switches manufacturing, their construction, maintenance and diagnostics of rail infrastructure and switches in particular. Among others it refers to for example: designers, technicians and higher supervisors, sidetrack personnel, executives in private infrastructure, PKP Linie Kolejowe S.A., railways construction and maintenance companies. Of course, this invitation is directed to switches manufacturers and their subcontractors who, in our opinion, will participate in discussions, for instance, in the panel on requirements, re-profiling, overhaul, warranty conditions and their maintenance. Organizers do hope that the topics will be interesting for manufacturers and suppliers of measurement equipment, non-destructive testing and supporting



software in technical acceptance process, quality control, safety of vehicle traffic. As an integral subject is the drive, switches' electric heating and diagnostics automation.

Ladies and Gentlemen,
Organizers' Committee is informing hereby that in the next Communicate there will be given the details on VI International Scientific-Technical Conference "Modern technologies in design, construction and maintenance of rail switches - 2024" re. attendance and Partnership conditions.

Regards,

SITK RP - Association of Communication Engineers and Technicians of the Republic of Poland

President of Warsaw Branch

(—)

Eng. Ireneusz Jasinski

President National Board

(—)

PhD Eng. Jacek Pas