

## Editorial

We bring the first issue of the *Signals and Telecommunication Journal* with the below papers.

In the opening paper, “**A structured replication control protocol with a logical two-dimensional structure**,” the authors introduced Replication control protocols to reduce inconsistency in data replication. The purpose is to find out if a single protocol can be provided that can be implemented in any logical two-dimensional structure and to provide optimal performance concerning communication cost, availability, and system load for its read/write operations. The authors claim the proposed structured replication control protocol (A2DS) can be implemented with any logical 2-dimensional structure.

In the following paper, “**Calculating the shortest drivers’ and passengers’ paths**,” the authors addressed an important problem for providing dynamic carpooling and calculating the shortest drivers’ and passengers’ paths. Experiments are performed on real transportation networks. The results demonstrate the performance of the suggested algorithms and the CPU time and application interest of the restriction areas for pick-up and drop-off points.

In the last paper, “**The Interconnected System of Programmable Logic Controllers Using a Distributed Architecture**,” the authors modernize interconnected systems with cost-efficient, standardized, and modular components. They claim that this is the first time COTS products have been implemented in an interconnected system using a distributed architecture.

We will bring more research into the forthcoming issues.

## Editors