

Dear Readers,

Praise and gratitude be to God for all graces and gifts given, who has allowed us as the editorial team to publish the scientific journal of **Instrumentasi** of Volume 46 No1 period January-June 2022. As a medium for information and communication, all papers published in this journal are anticipated to impact science and technology development significantly.

This edition has six papers relating to measurement techniques and measurement instruments, such as 1. Validation Of A Secondary Method With Jones – Type Cell D For Electrolytic Conductivity Measurements; 2. Monte Carlo Simulation Using R Programming To Determine Photometer Mismatch Correction Based On General Mismatch Index; 3. Improvement Measuring Capability of the Frequency Source Calibration below 10 Hz and Simulation of Its Dissemination in Heart Rate Electrocardiogram (ECG); 4. Revision Of Uncertainty Of Infrared Thermometer-Based Calibration System On Black-Body Characterization; 5. Development Of A Gas Flow Calibration System Using Bell Prover In The Following Comparison APMP.M.FF-K6.2018; 6. Variations Of Ethanol Mixtures In Ron 95 And Ron 90 Fuel In 4 Step Motor Engines.

The editorial team expresses their gratitude and appreciation to all of the reviewers of the **Instrumentasi** journal for their assistance and cooperation in improving article writing. In addition, we also would like to thank the authors who have entrusted their articles to be published in the **Instrumentasi** journal.

Finally, our editorial team invites colleagues to publish and disseminate the results of research and developments in the fields of instrument engineering, measurement (metrology), testing and control. We also continue to strive to provide good-quality articles from experts. Of course, we still hope for criticism and suggestions to improve the quality of publications in the **Instrumentasi** journal and apologize if there are things that are not pleasing in this publication. Enjoy your reading; hopefully, it will provide insight and benefits for the development of science and technology in Indonesia.

Editors