

Special Track
Automation of Non-destructive Testing (NDT) and Applications
for
IEEE IEMCON 2018 - The 9th IEEE Annual Information Technology, Electronics &
Mobile Communication Conference
1-3 November, 2018 - Vancouver, BC, CANADA
<http://ieee-iemcon.org/>

Organized by

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Scope:

The objective of this track is to encourage researchers to submit and share ideas pertaining to Non-destructive Testing/ Evaluation (NDT/NDE) technologies and various applications in mechanical engineering, civil engineering, etc. NDT/NDE topics might include electromagnetics, ultrasonic, optical and thermal. Papers on both new methods of inspection and data acquisition, as well as innovative application of existing methods are highly welcomed. Papers might focus on new equipment, NDE sensors design, and process control and/or novel algorithms to analyze the data.

Extended Version of accepted and presented paper will be submitted for publication at special issue in Sensor Journal.

Authors can submit their original research findings in the topics include, but not limited to:

1. NDT/NDE case studies
2. Reviews of NDT/NDE and autonomous monitoring and inspection systems.
3. Robotics/Automation systems design of NDT/NDE
4. New equipment and/or NDE sensor design
5. Algorithms to analyze NDT/NDE data
6. Computer Vision and Machine learning in NDT/NDE applications.

Paper Categories

- Regular Paper – 7 pages maximum (3 additional pages allowed but at an extra charge)
- Short Paper (Work-in-Progress) – 6 pages maximum (2 additional pages allowed but at an extra charge)
- Poster – 5 pages maximum

Regular papers should present novel perspectives within the general scope of the conference. Short papers (Workin-Progress) are an opportunity to present preliminary or interim results. Posters are intended for ongoing research projects, concrete realizations, or industrial applications/projects

presentations.

Paper Submission Info:

IEEE IEMCON uses EDAS for submission.

Authors need to:

1. Create an account (if not already registered) with EDAS at <http://edas.info>
2. Submission link: <https://edas.info/newPaper.php?c=24576&track=92565>

Important Dates :

Full Paper Submission: 2nd September 2018

Acceptance Notification: 17th September 2018

Final Paper Submission: 25th September 2018

Presentation Submission: 20th October 2018

Conference: 1st- 3rd November 2018