

Special Issue

Quality Control in Net-Shape Manufacturing Environment

Message from the Guest Editor

Additive manufacturing is an increasingly sought-after net-shape materials processing route for high value added components. Such developments emphasize the need for an on-line quality control to identify and separate the batches as pass and fail during production, preferably as early as possible, allowing for potential healing where feasible in the process (ideally before consolidation) without having to seek destructive examination carried out manually off-line, which can have a negative impact on the production flow and output. More critically, any faulty part that is overlooked may cause further problems later on, in the form of unexpected premature failures in respective applications and operating environments. Depending on the component and the criticality of the application, this can indeed have drastic consequences.

Guest Editor

Dr. Cem Selcuk

TWI Ltd - Granta Park, Cambridge CB21 6AL, UK

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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