



Dear Photonics21 Secretariat

We herewith submit the nomination of the following Photonics21 Board of Stakeholder candidate
Manutech USD / representative Nicolas Compère.

**- Letter of Nomination -
Photonics21 Board of Stakeholders
Election 2018**

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§ 5 BOARD OF STAKEHOLDERS (6) b....A candidate nomination will always contain the name of the candidate organisation together with its proposed BoS Representative, and voting on a candidate implies voting on this combination.

1. Full legal name of the affiliation nominated as BoS Member (candidate's organisation):

Manutech USD

2. Full contact details of the affiliation (street, postal code, country) nominated as BoS Member and invoice address (in case the candidate is elected, the affiliation needs to pay an annual service fee according the Photonics21 Terms of Reference §5 (10)):

Bâtiment de haute technologies
20, Rue Professeur Benoît Luras
42000 Saint Etienne - France

This is also the invoice address

3. Name of the suggested BoS Representative (the personal candidate)

Compère (name) / Nicolas (surname)

4. Information about the BoS candidate and the BoS representative

Extract Photonics21 Terms of Reference¹: “§ 5 BOARD OF STAKEHOLDERS; ...(6) Election of BoS Members: “Description of the activities of, and information about the added value and contribution to the BoS by both the nominated BoS member and the BoS Representative”

a) Description of the activities and information about the expected contribution and value added the nominated BoS member (candidates organization) will bring to the BoS²

MANUTECH is a French SME that develops and provides innovative technology and services in the field of surface texturing by ultra-short laser for various sectors of application since 2012. Manutech is the Europe's largest femtosecond platform for the industry. This company is organized as an Economic Interest Group (EIG), that's to say that we have members of both academic and industrial worlds that participate actively to Manutech expansion and skills. One of our strength is to be very involved in LASER process innovation, and we lead approximately 50 R&D studies and Proof of Concept per year. We generate knowledge and provide equipment of excellence in the city of Saint-Etienne.

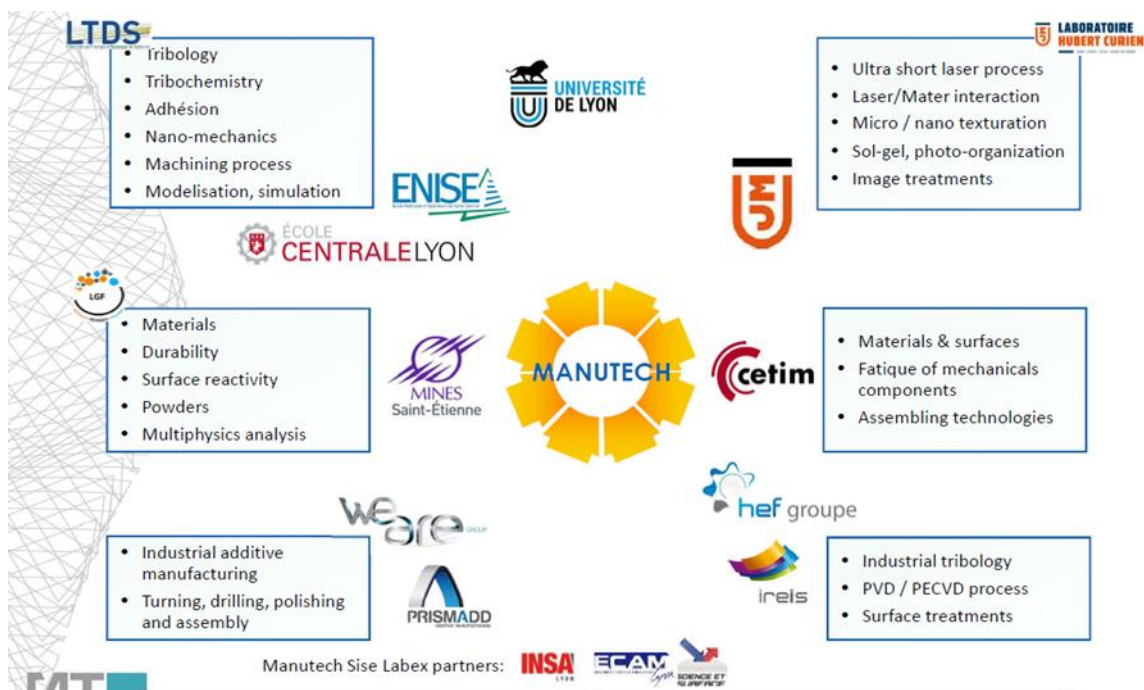
Our company can bring skills and knowledge to Photonics21 because we are expert in the field of engineering and functionalization of surfaces with ultrashort LASERS femtosecond.

¹ Photonics21 Terms of reference are available at https://www.photonics21.org/download/about-us/structure/ETP_Photonics21_Terms_of_Reference_C3.pdf?m=1513688127&m=1499877714

² The candidate is aware and accepts that according to the Photonics21 Terms of Reference a service agreement and a service fee invoice is to be signed / paid with the Photonics21 association.

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Manutech can bring many innovative ideas in surface texturing, ultrafast LASERs interaction with material, and industrialization processes. Our experience other years allowed us to be aware of the environment around LASER fs functionalization in order to stay a competitive company and to drive our studies with innovative methods. Here is a diagram introducing Manutech and all its partnership with the global skills:



b) Description of the activities and information about expected contribution and value added the BoS Representative (candidate / person) will bring to the BoS.

Now I will introduce myself, Nicolas Compère, 30 years old. I studied electronics, automatism, computer science and electro-technics in university institute of technology of Saint-Etienne. Then I spent 3 years learning photonics, industrial vision, image processing in engineering school Telecom Saint-Etienne. During the last year, I achieved in parallel a science master degree in micro and nano photonic systems.

I have been working in optronics and LASER companies for a few years, now in Manutech as R&D engineer I am in charge of improving and optimize LASER machining performance in many ways while not degrading the quality. I stay attentive to technologies in photonics field in order to bring my innovative ideas to my company.

As Manutech representative, I would like to participate with my skills and knowledge and contribute to the roadmap of photonics in Europe. Working very close to academic partners on one side and industrial partners on the other side taught me to adapt to these very different worlds, that are strongly linked. Indeed, academic world produces very high innovative technology that needs to go to industrial world through technology readiness level increasing, which is one of the master key of Manutech, and of my work.

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Final information from the Photonics21 secretariat:

- *We recommend limiting the BoS nomination letter to 3-4 pages max.*
- *Letters of nominations should be either submitted via the Photonics21 website*

<https://www.photonics21.org/bos-election/index.php>

or via e-mail to secretariat@photonics21.org .

- *It is highly recommended to consult the Photonics21 Terms of Reference before submitting the nomination.*
- *Please note that the deadline for providing BoS nominations to the Photonics21 Secretariat is the **21st September 2018.***