**IUT Montreuil- Paris, France - 12 - 14 juin 2019**

**Session spéciale**

**Intitulé : Industrial Engineering for Healthcare**

**Organisée par**

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The topics of interest include, but are not limited to

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| * The hospital information system * Strategy, modeling and engineering of hospital systems * Management and Resource Planning * Logistics and resource configuration * Modeling and socioeconomic evaluation of hospital systems * Constitution and management of health and care networks |

**Résumé**

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| The objective of this track is to bring together researchers working on the transferability and adaptability of methods and tools of Industrial engineering for hospital management, in order to exhibit recent developments in this area.  Specific difficulties encountered in the hospital sector are:   difficulty in the setting of the care production mix, within the hospital, but also in the care network   variability of durations of activities constituting the mix of treatments related to the patient state, practitioner, the technique of investigation, etc. ;   the need to carry on the same production site some care to be done during the day (ambulatory), during a stay (hospitalization) and immediately (urgency).    The new constraints hospitals are faced are:         the scarcity of certain resources,         reduced operating budgets,         resource sharing. |

**Mots clés**

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| hospital information system, care networks, performance evaluation, surgical planning, nursing, Resources Management sizing, overall supply chain, hospital management, e-health Method |