



WG08 – Health Information Systems (HIS)

2019 Report - June 2018 to June 2019

presented in Lyon, France for:

- **IMIA Board Meeting, August 25, 2019,**
- **IMIA General Assembly Meeting, August 26, 2019**

Chair (2012-2019)

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Website for WG: <http://imia-medinfo.org/wp/health-information-systems-his/> &
<https://www.linkedin.com/groups/5161983>

Brief Background

- Promote systematic development and research in the field of health information systems;
- Promote research and efforts on efficiency and cost-effectiveness of health information systems for the healthcare, health delivery and access to health;
- Promote research and development in the domain of sustainability in health information systems;
- Promote evaluation, identify and assess problems and success factors of health information systems.

The WG aims include a discussion and redefinition of its objectives and strategy, the development of a richer and more useful website, the creation of a forum for member discussions, and preparing a working conference.

Current activities focus on clinical data reuse (or secondary use).

Achievement - Events and projects conducted by WG/SIG, papers published or presented

Publication of a review paper resulting from a >1 year collaborative effort between several HIS WG members: Meystre SM, Lovis C, Bürkle T, Tognola G, Budrionis A, Lehmann CU. Clinical Data Reuse or Secondary Use: Current Status and Potential Future Progress. Yearb Med Inform. 2017 Aug;26(1):38-52.

Participation - Engagement and participation in IMIA and health informatics events and activities by members of your WG/SIG

Organization of a successful workshop on "Artificial Intelligence Applications Enabling Clinical Decision Support" with several IMIA HIS WG members: Christian Lovis, Carlos Parra Calderòn, and myself at the EFMI STC in Zagreb in October 2018.

Organization of a successful workshop at the Medinfo 2017 conference: "Unstructured Clinical Data Reuse for Precision Medicine". Details at <https://sites.google.com/view/unstructured-data-reuse/>

Outreach - Recruitment and engagement of new members and target communities, publicity and representation at major events and/or on social media

Recruitment: The LinkedIn page we created for WG members communication is still regularly used. Search for new WG leadership was realized in mid-2018, unsuccessfully, and is again ongoing for 2019.

Current number of members: 35

Collaboration - Working with other IMIA WG/SIGs or external organizations or institutions (Please state the types of the collaborations and achievements of each collaboration attempted)

Collaborations with the AMIA, as submissions of proposals for a panel and a workshop focused on clinical data reuse at the fall 2016 annual conference and 2017 TBI/CRI summit; both submissions were unfortunately not accepted.