Introducing the Team

Organization: SYSTRAN

Lead Investigator: Jean Senellart, PhD

Current Team Members:
- Jungi Kim, PhD, Li Jin-Ji PhD, Jin Yang, Joshua Johanson

Research Areas of Interest

- Combination of linguistic-approach and statistical/neural machine translation

  - Linguistic-Aware neural network, acquisition and use of multilingual thesauri

- Low/Zero Resource Training

  - Learning with monolingual data, language similarity, pivot translation

- Informal genres

  - Monolingual translation to cover dialects and social media phonetization

- Core competency in machine translation for 40+ years

- Expertise and tools for creating translation engines in new languages and domains
  - Existing resources and technology for 34 languages

- Collection of language technology modules for Text Extraction, Translation, and Natural Language Processing

- First commercial purely Neural Machine Translation engines

- Staff of 115 language technology professionals in the US, France and Korea
  - 15 PhD research scientists
  - 45 development engineers with multiple specialties in productization, scalability, multiple platform development, embedded, API, code optimization, GPU, user-interface, open-source, etc.
  - 55 computational linguists

- Experience with participation in large cofunded, collaborative, research projects
  - GALE in the US, European Quaero

- Complementary approach to pure research groups or system integrators

SYSTRAN

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