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
Unique Capabilities

- 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
Beth Flaherty
Director of Government Solutions
SYSTRAN Software, Inc.
beth.flaherty@systrangroup.com
703-344-5571
www.systransoft.com