

Research Profile





National Centre for Language Technologies Centre for Next Generation Localisation



Research Focus: Language & Content Technologies

Multi-lingual Text Analytics, Automatic processing of User-Generated Content, Personalised cross-lingual search, Question Answering & Curation



Research Group

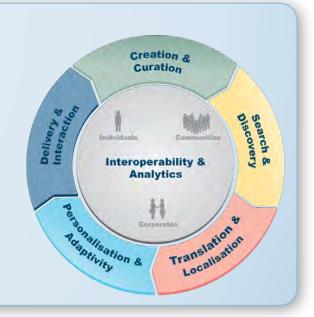
NCLT/CNGL is led by Professor Josef van Genabith, who has over 24 years experience in developing language technology solutions in industry and academia. NCLT/CNGL is currently one of the world's largest research groups focused on innovating the end-to-end content value-chain.

Core Expertise

Creation & Curation: reveal meaning in text, text analytics, semantic analysis

Search & Discovery: Discover answers in multilingual/multimodal content

Translation & Localisation: fast, accurate, human and machine translation, translation of user generated and corporate content



Commercial Experience

NCLT/CNGL has significant commercial expertise having generated three spinout companies to date, multiple licenses and an increasing number of applied research collaborations. The Centre is home to a dedicated product *Design & Innovation Lab* that can work with industry to ensure that research outputs are aligned with commercial requirements.



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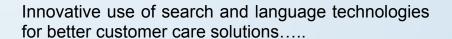


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Industry Collaborations

Illustrative Innovation Partnership: Zinopy (2012-Present)





Examples of Ongoing Research

- Combining natural language processing with information retrieval for question answering and content management in customer care.
- Efficient & scalable methods to adapt text analytics technologies to highly divergent styles and domains.
- Technologies that extract events and opinions from user-generated content, particularly predicateargument structure, temporal information, polarity, sentiment, etc.



 Techniques to leverage the social graph in the adaptation and personalisation of search, including the exploitation of user tags, connections with other users, personal & professional profiles, user similarity and activities by similar or highly connected users

Where could NCLT/CNGL expertise help other businesses

- Expertise in applying natural language processing technology to real world (noisy) data e.g. intelligent handling of content from twitter, forums, emails.
- Expertise in multi-lingual language processing (language understanding, machine translation, cross-lingual search)
- Expertise in search and discovery technology (video search, personalised contextual search)