Some publications of Khurshid Ahmad, Trinity College, Dublin

Sentiment Analysis

Year	Title	Link
2011	**An architecture for sentiment analysis**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/2011_Bucharest_K_Teams.pdf
2011	**Affective Computing & Sentiment Analysis**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/EMOT_Book.pdf
2011	**The coverage of Irish General Elections 2011**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/SSAIP_Paper.pdf http://electionnewsanalysisireland.wordpress.com/
2011	**Sentiment Analysis and High Frequency Data**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/High_Frequency_Sentiment Analysis.pdf
2009	**Sentiment in the News and Movement of Prices: A study of English language documents**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/2009_Ahmad_LeipzigPaper.pdf
2009	**Sentiment in the News, Blogs and Movement of Prices: A study of German language documents**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/tms_germnan_news_sentiment.pdf
2008	**Return &Volatility of Sentiments**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/23April2008_Emot_Paper_Final.pdf
2008	**Sentiment & Difference: Coverage of Religions**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/2008_Sentiment_Religion_Synapse.pdf
2008	**EU Workshop on Emotion, Metaphor Ontology, & Terminology: Sentiments**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/EMOT2008_Proceedings.pdf
2007	**Extraction of sentiments in Arabic, English & Urdu News**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/2007_CASSL2_EngArabicUrdu_AlmasAhmad_.pdf
2007	**Cohesion and Polarity of Texts**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/2007_CohesionPolarity_DaviesAhmad.pdf
2006	**LoLo: A terminology based sentiment analysis system**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/2006_ACL_LoLo_AlmasAhmad.pdf
2004	**Satisfi- A system for computing sentiments**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/2004_TechnicalAnalyst.pdf
2004	**Financial Grid: A news and stock market analysis system on a high performance system**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Sentiments/FINGRID_report.pdf

Ontology & Terminology

2011	**Query terms and ontologies for art images**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/HCI_2011_Isemann_Ahmad_final.pdf
2010	**Art Ontology and Heritage**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/MuseumIrelandFinal.pdf
2009	**On the Ontology of Art**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/bodyparttable.pdf
2007	**Ontology Construction from texts**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/2007_Rome_Ontology.pdf
2007	**Extracting Terminology of Sentiments in Arabic**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/2007_AlmasAhmad_IEEEICTISWshopArabic.pdf
2006	**Metaphors in Language of Science? Notes on the Evolution of Nuclear Physics**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/2006_Ahmad_NuclearPhysicsMetaphor.pdf
2006	**Evolution of Terminology and Ontology of Economics – Language of Nobel Prize Winners**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/2006_AhmadMusacchio_Economics.pdf
2005	**Ontology Construction from unstructured texts**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/ODBASE2005.final.pdf
2004	**Extracting Proper Nouns from Specialist texts**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/2004_TraboulssiAhmad_Intex_Paper.pdf
2003	**Evolution of the Language of Nuclear Physics**	https://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/2003_Fermi_LanguageofPhysics.pdf
2000	**Evolution of Terminology and Ontology of Linguistics**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/2000_Linguistics_Heidelberg.pdf
2000	**Neologisms and Word Formation**	https://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/2000_NeologismNonceWordFormation.pdf
1999	**Evolution of the Language of Philosophy of Science**	https://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/1999_PhilosophySci_Terminological_Innovation.pdf
1996	**Terminology Dynamic: Nuclear Physics and Philosophy of Science**	https://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/1996_Terminology_Dynamic.pdf
1993	**Terminology and the Internet (in 1993!!)**	https://www.cs.tcd.ie/Khurshid.Ahmad/Research/OntoTerminology/1996_AhmadCollingham_RenewableTerminology.pdf

Knowledge Management

2006	**Knowledge Sharing in a Community of Practice:**	http://www.ejkm.com/volume-4/v4-i2/Al_Sayed_ahmad.pdf
2003	**Special Languages and Shared Knowledge**	http://www.ejkm.com/volume-1/volume1-issue-2/issue2-art1-al-sayed.pdf
2003	**Diffusion of knowledge: from research labs to patents**	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/knowledge_management/W03-2006_Ahmad_AlThubaity_PatentProcessing.pdf

2001	Knowledge Management and Text Corpora	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/knowledge_management/2001_February_Ingenia.pdf
2001	Specialist Knowledge and its Management	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/knowledge_management/2001_Ahmad_Miles_JHinf.pdf

Neural Networks & Multi-modal Systems

2010	Annotation and Retrieval of Cell Images	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/2010_Ahmad_Oconnor_Cell Image.pdf
2009	Modeling multisensory enhancement with self-organizing maps	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/2009_MartinMeredithAhmad_008_2009.pdf
2008	Hierarchical SOM's and Classification of Multinational Corporations	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/2008_Classification_MultinatCorp.pdf
2008	A Semi-Automatic Indexing System for Cell Images	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/2008_Zheng_Kelleher_Ahmad_WCCI.pdf
2007	Image Annotation using self organising maps	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/Cross_Modal_Interaction_IJCNN.pdf
2006	Multi-Net Systems: Infant Language Development	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/2006_Infants and gated multinet paper.pdf
2005	Processing non-stationary time series	http://ieeexplore.ieee.org/Xplore/login.jsp?url=/iel5/2220/30394/01397408.pdf?arnumber=1397408
2003	Cross Modal Learning	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/Ahmad_Casey_Vrusias_Saragiotis_MCS2003.pdf
2003	Learning, Language and Number Sense	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/ICMLA.pdf
2002	Multi-modal Scene of Crime Information Systems	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Image_Annotation/IGR_Report.pdf
2002	Multi-Net Systems: Development of Number Sense	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/2002_AhmadBaleCasey.pdf
1997	Multi-Net Systems: Simulation of Aphasic Naming	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Neural_Nets/1997_WrightAhmad_BL.pdf

Fuzzy Logic and Fuzzy Control Systems

2011	Choquet Integrals and its extensions	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Fuzzy_Logic/2011_MeisarZemankovaAhmad_FSS.pdf
2009	Sugeno integrals	http://ieeexplore.ieee.org.elib.tcd.ie/stamp/stamp.jsp?arnumber=4627420&isnumber=4773438
2008	Characteristics of t-norms and fuzzy	http://www.cs.tcd.ie/Khurshid.Ahmad/Research/Fuzzy_Logic/tcfuzz2subre.pdf

	controller	
2007	**t-norm selection for fuzzy controllers**	http://ieeexplore.ieee.org/Xplore/login.jsp?url=/iel5/4405868/4406026/04406155.pdf?tp=&arnumber=4406155&isnumber=4406026
2006	**Fuzzy control systems (TSK) and wavelet pre-processing**	http://ieeexplore.ieee.org/Xplore/login.jsp?url=/iel5/11093/35437/01681878.pdf?isnumber=35437&arnumber=1681878
2005	**Analysing non-stationary time series – a fuzzy wavelet hybrid system**	http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.61.5591