



EU H2020 Marie Skłodowska-Curie ITN:  
'JOLT: Harnessing Digital and Data Technologies for Journalism'

## **Adaptive Content Delivery**

**BBC Research and Development,  
British Broadcasting Corporation, United Kingdom**

**Job Title:** Marie Skłodowska-Curie ITN Early Stage Researcher  
**Full Time and Fixed Term:** 36 Months

BBC Research and Development, in collaboration with the [Insight Centre for Data Analytics](#) at Dublin City University (DCU), is offering a PhD position within the Distribution Core Technologies section of BBC R&D, which focuses on fundamental signal processing for broadcast, mobile and whitespace applications. The researcher will investigate delivery of multiple interrelated multimedia content streams and high bitrate content using data analytics taking into account the impact of different transmission parameters (bit-rate, latency, error rates) on video quality; define source coding schemes to optimize delivered video quality in challenging transmission scenarios; and design novel source coding schemes based on data-analysis to maximize quality of service. Methodologies will include multimedia content distribution, video compression, multimedia systems, and data analytics

**Please apply directly via the BBC:** Further details about the position and the application process are available on the [BBC careers page](#)