

Name	Dr. Christophe MORLAAS	Company	ENAC
Date of birth	15.02.1973	Nationality	French
Education	PhD electronic		
Languages	French, English, Spanish		
WPs n°			
E-mail	Christophe.morlaas@enac.fr		
Present job & responsibilities			
2002 - onwards	<p>Received the ph.D degree in 2000 from ENSAE (superior national school of aeronautical and spatial) in optoelectronic engineering, he has been system engineer on spatial programs until 2002. Since 2002 he is teacher /researcher in the communication, navigation and survey system.(URE-CNS)/(LETA) electromagnetic for aeronautical telecommunications lab - ENAC (national school of civil aviation) in electromagnetism domains. His research and teaching interests are in the fields of aeronautical communication and navigation systems, electromagnetic modeling, antennas and propagation.</p>		
Work experience			
2001 – 2002	<p><i>RF study Engineer</i> (ASSYSTEM Services – Blagnac).Technical assistance for ASTRUM-Toulouse (Hyper-frequency &Electric Department)</p> <ul style="list-style-type: none"> - RF study (link budget) for various satellites plans (INTELSATX , W3A, ROCSAT, METOP). - Technical specification for RF component procurement. (Rx, Tx, Antennas and harness). - Spectral (ADS) and electromagnetic (GTD) modelling for Telemetry, tracking and command signals. 		
1997 - 2000	<p>Ph. D. : SUPAERO/ONERA (microwave and optoelectronic for Boarding system lab)</p> <p>“study and realization of a hybrid oscillator microwave and optic with monomodal fiber for heterodyne detection application at 1,5 μm”.</p> <ul style="list-style-type: none"> • Publications: 6 papers in national and international journals and conferences. <p><i>.Etude et Réalisation d’un Oscillateur Hybride Microonde et Optique Fibrée Monomode pour Application à la Détection Hétérodyne à 1,5μm</i></p>		
Patents			
Publications			
2007	<ol style="list-style-type: none"> 1. C. Morlaas, M. Fares, B. Souny, 'Winds turbine effects on VOR system performance', IEEE transaction on aerospace and electronic systems, Vol. 44, pp 1464-1476, Feb. 2009. 		