

The logo for Simon Fraser University (SFU), consisting of the letters "SFU" in white on a red rectangular background.

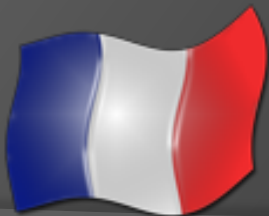
SFU

SIMON FRASER UNIVERSITY
THINKING OF THE WORLD



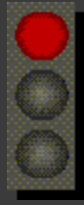
JULIEN PRIEUR

From June 11 to August 11, 2012

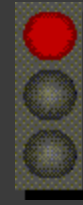




*Second year of engineering
specialty telecommunications*





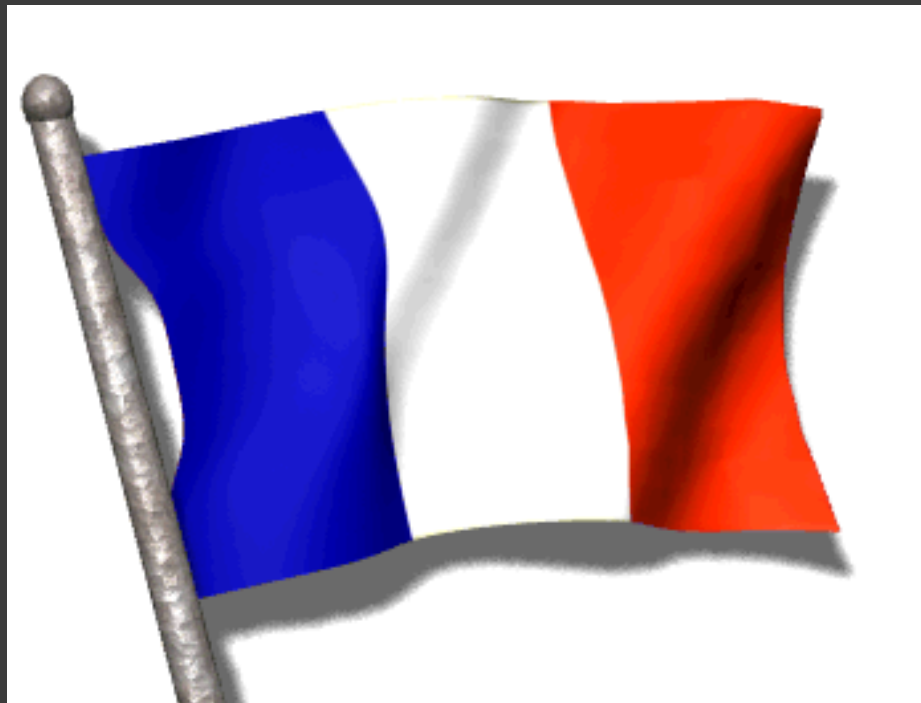
ROADMAP



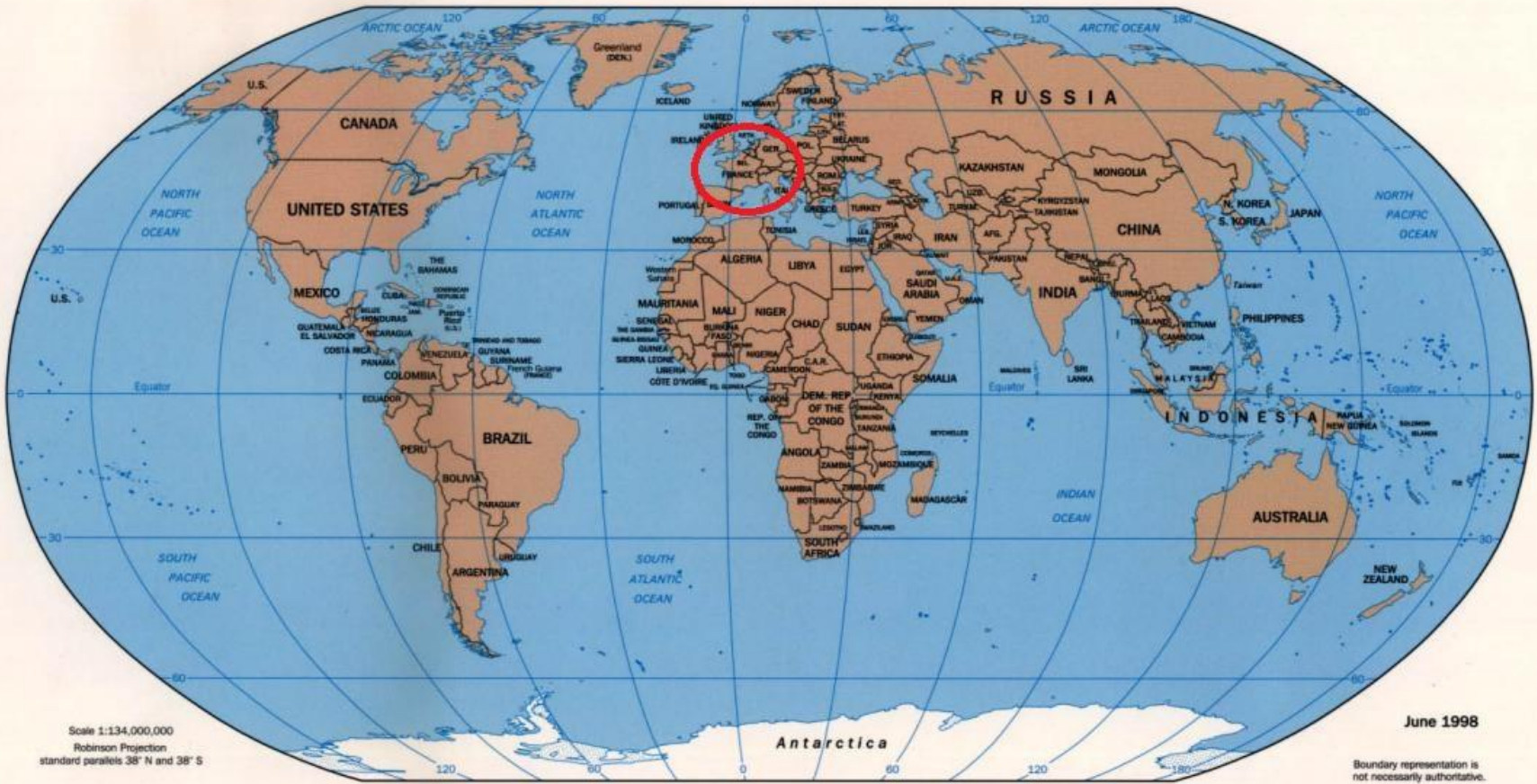
- ① – France 
- ② – **U**niversity of the **S**outh, **T**oulon-**V**ar
- ③ – Hobbies 
- ④ – Project



I - FRANCE



WORLD



Scale 1:134,000,000
Robinson Projection
standard parallels 38° N and 38° S

June 1998

Boundary representation is not necessarily authoritative.

802599 (R00352) 6-98

EUROPE

Political Map of Europe



EUROPE

- 50 countries
- Area : 10,180,000 km²
- Pop. density 72.5/km²
- 1 € = 1.25 \$CAD

European Union



French Republic

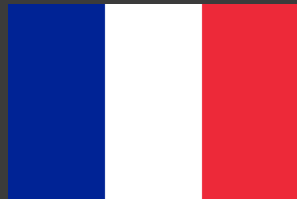


- Population : 65,350,000
- Area : 674,843 km²
- Population density : 116/km²
- Region : 27
- Department : 101

National Emblem



FLAG



Motto : *Liberty, Equality, Fraternity*

Anthem : « *la marseillaise* »

National symbol of FRANCE



- Gallic rooster



- ❖ Homonyms (Durind Middle Age)
 - ✓ Rooster = gallus (in latin)
 - ✓ Gauls = gallus (in latin)
- ❖ Originally a pun to make fun of the French
- ❖ The association between the rooster and the Gauls/French was developed by the kings of France for the strong Christian symbol

Tourism

- 1st rank as the tourist destination in the world

Monuments : Eiffel Tower

Castles : Versaille,
châteaux de la loire



PRESIDENT OF FRANCE FROM 1981 TO 2012

POLITIC



Liberté • Égalité • Fraternité

RÉPUBLIQUE FRANÇAISE



François Mitterrand
1981–1995



Jacques Chirac
1995–2007

PRESIDENT OF FRANCE FROM 1981 TO 2012



Nicolas Sarkozy
2007– May 2012



François Hollande
From May 2012



SPORTS



- Soccer /Football
- Rugby
- Tennis
- Judo
- Basketball
- Handball



The France national football team is one of only 8 teams to have won the FIFA WOLRD CUP (1998)

2 - University of the South, Toulon-Var

- ⦿ USTV
- ⦿ Was founded in 1979
- ⦿ 6 Faculties
- ⦿ 2 autonomous Institute
 - Business-management
 - Engineering School (me)



ISITV



INSTITUT DES SCIENCES DE L'INGENIEUR DE TOULON ET DU VAR

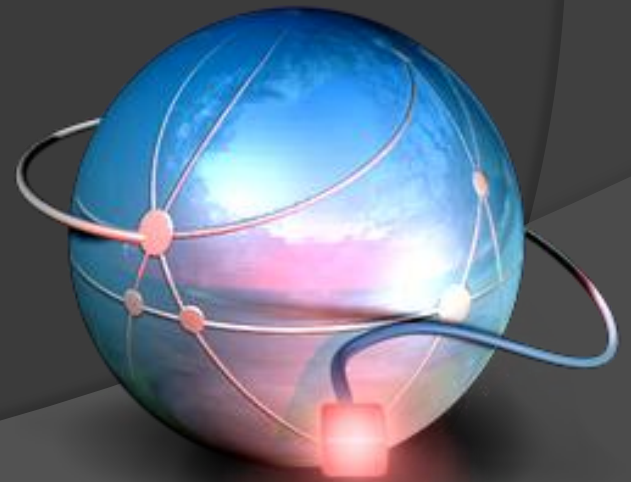
Institute of Sciences of engineering
Toulon, Var



ENGINEERING SPECIALITIES

3 specialties:

- ① Marine
- ① Material and apprenticeship
- ① **Telecommunications**



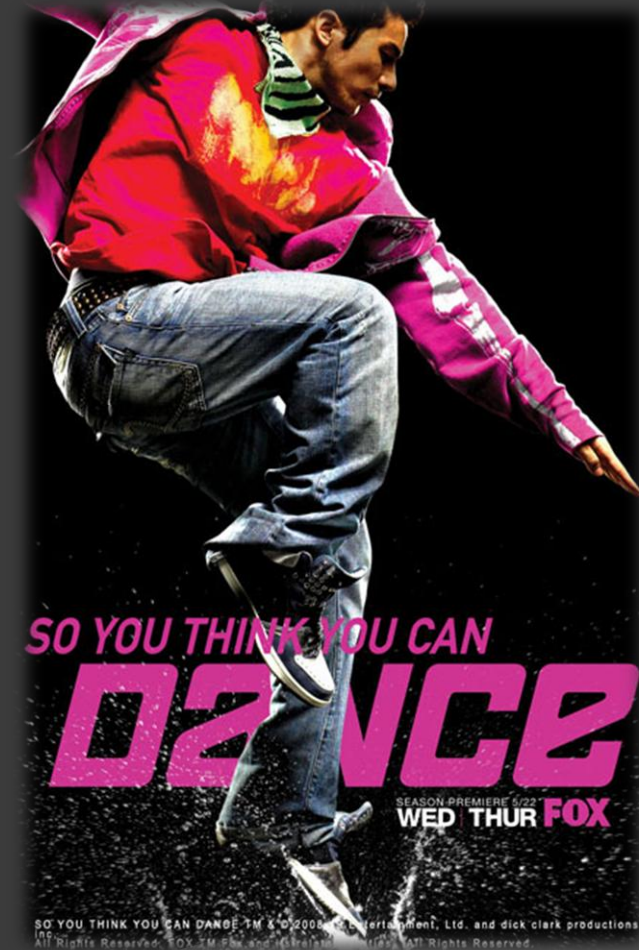
TELECOMMUNICATIONS

- IT (C,C++,Visual C++, html, php, java)
- Telecommunications
- Signal Processing
- Images (Matlab)
- Video





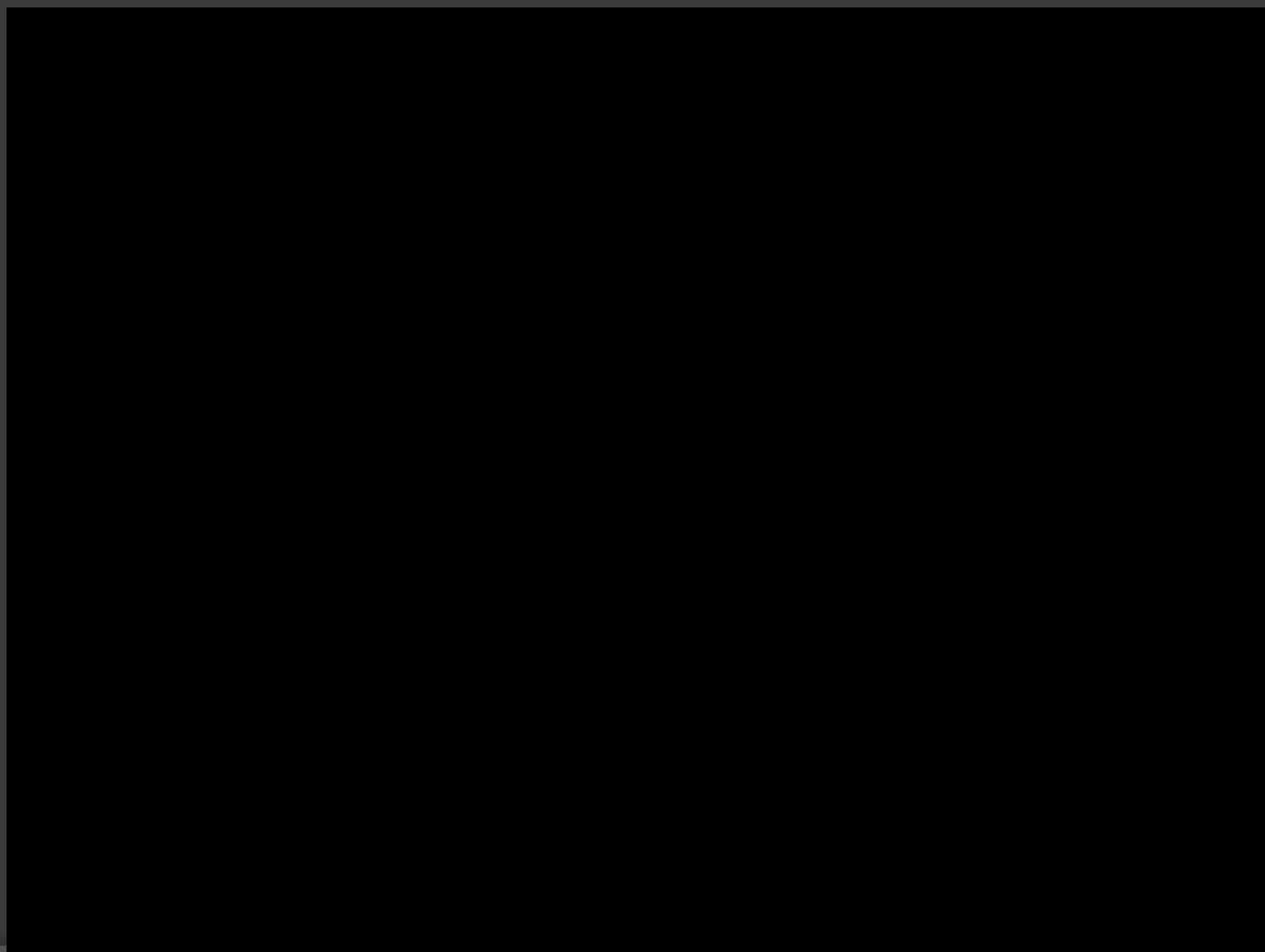
3 - HOBBIES



GRAPHIC DESIGNER



Example



My kind of dance

- Classical ballet
- Contemporary
- Hip Hop
- Swing
- Tap dance
- Acrobatic Rock n'roll
- Salsa
- ...



ORIGINAL SLAPBACK

- 26 Dancers
- Rehearsal Saturday and Sunday (10h)



Swing

- Boogie-woogie
- West coast swing
- Rock

- Award :

Discipline : Acrobatic Rock n'roll

1st -> National Championship 2008 & 2010

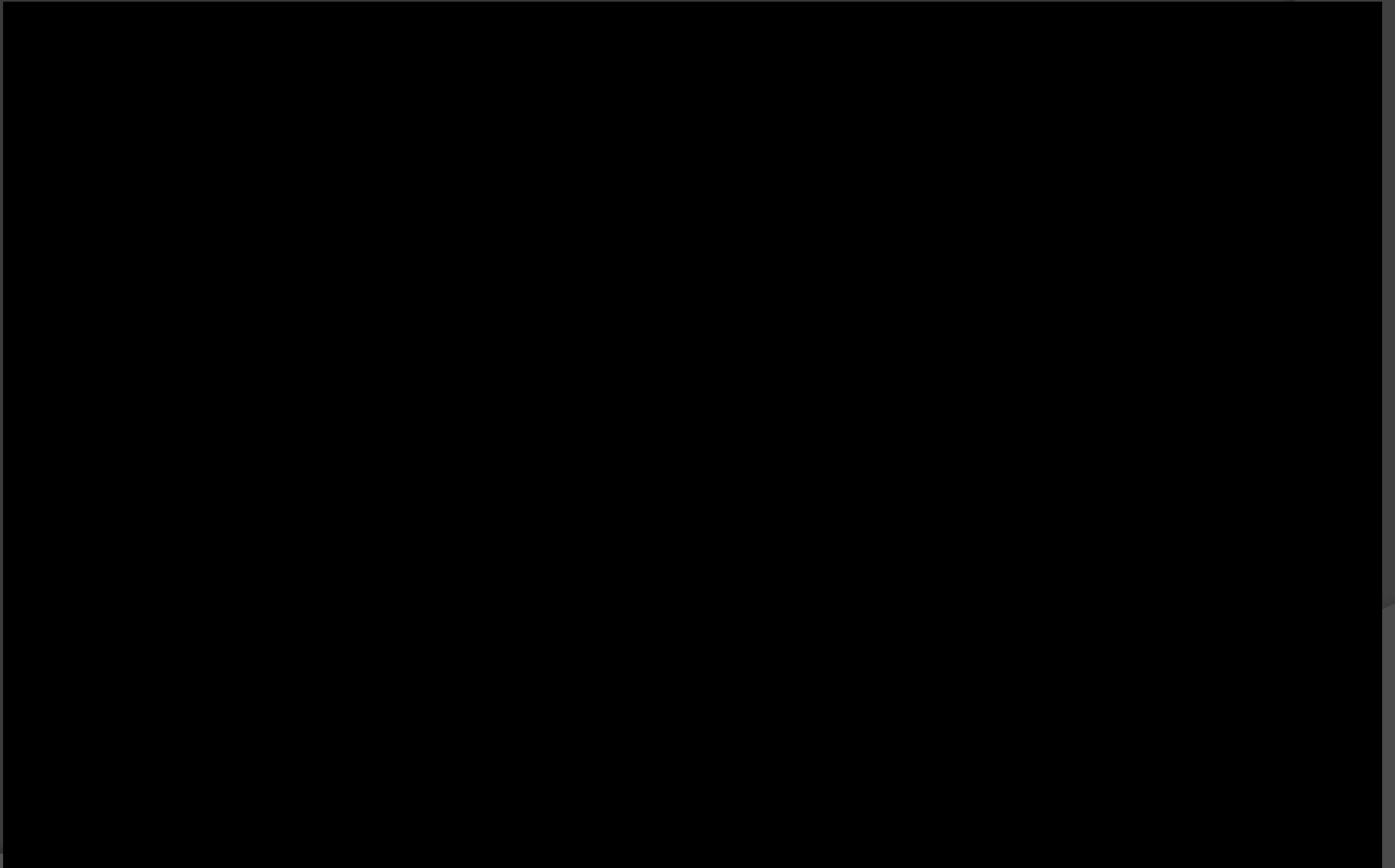


Hip Hop

- New Style
- Breaking
- Popping
- Locking
- Smurfing
- Roboting
- Girly
- Krumping



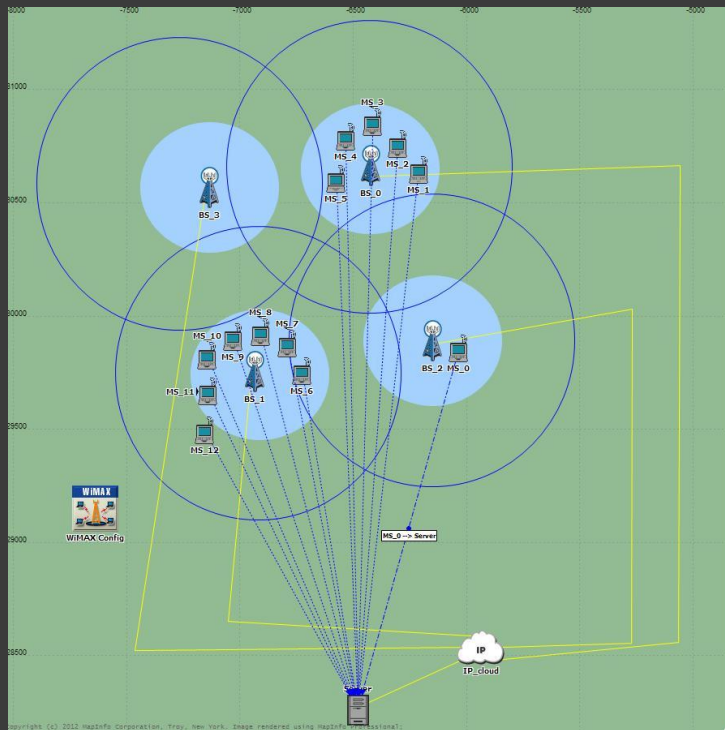
Dancer to TEASER



4 - PROJECT



● Dual-Trigger Handover Algorithm for WiMAX Technology



Introduction

- ⦿ New Dual-Trigger Handover (DTHO) algorithm
- ⦿ DTHO depends on the computation of signal to noise ratio (SNR) received at the Mobile Station (MS) from various Base Stations (BSs)
- ⦿ The proposed handover algorithm is implemented in both MS and BS nodes and improves the accuracy of handover decisions
- ⦿ Algorithm implemented on v14 on windows

AIM

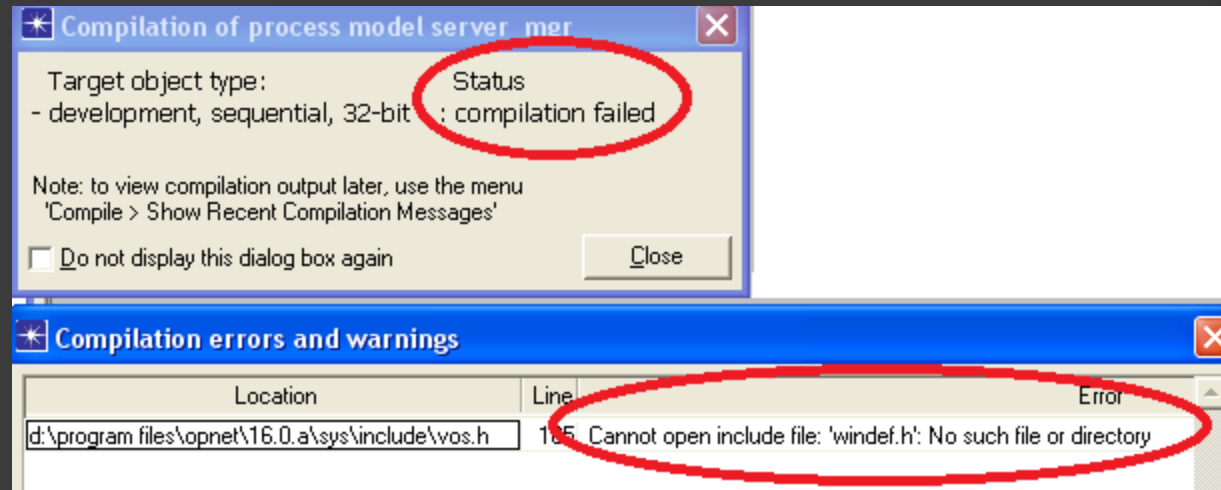
- OPNET Modeler used as a simulation tool for testing and developing WiMAX handover algorithms
- To improve the system performance
- Update Wimax 's application from OPNET V14 to V16

What did I do!

- ⦿ Read powerpoint and rapport
- ⦿ Compiling the application
- ⦿ Remake the topology on V16.0
- ⦿ Enter all parameters
- ⦿ Installation opnet v17 and Visual C++ 2010

Errors

- Repository missing process model (OPNK_1579)
- Windef.h (PATH)



Solutions

⦿ Environnement Variables

- D:\Program Files\Microsoft Visual Studio 10.0\VC\atlmfc\include;
- D:\Program Files\Microsoft Visual Studio 10.0\VC\include;
- D:\Program Files\Microsoft Visual Studio 10.0\DIA SDK\include;
- D:\Program Files\Microsoft SDKs\Windows\v7.0A\Include

THE END

● THANK YOU FOR LISTENING

● QUESTIONS ?

