



NDIAYE Gora

**2nd year student in Networks & Telecommunications
in ISITV**

Internship in Simon Fraser University

School of Engineering Science

Applied Science Building

Communication Network laboratory

Vancouver, British Colombia, Canada

Roadmap

- **SENEGAL**

Presentation

Politics

Development

Culture & Tradition

Sport

- **FRANCE**

Presentation

ISITV

- **INTERNSHIP**

Project

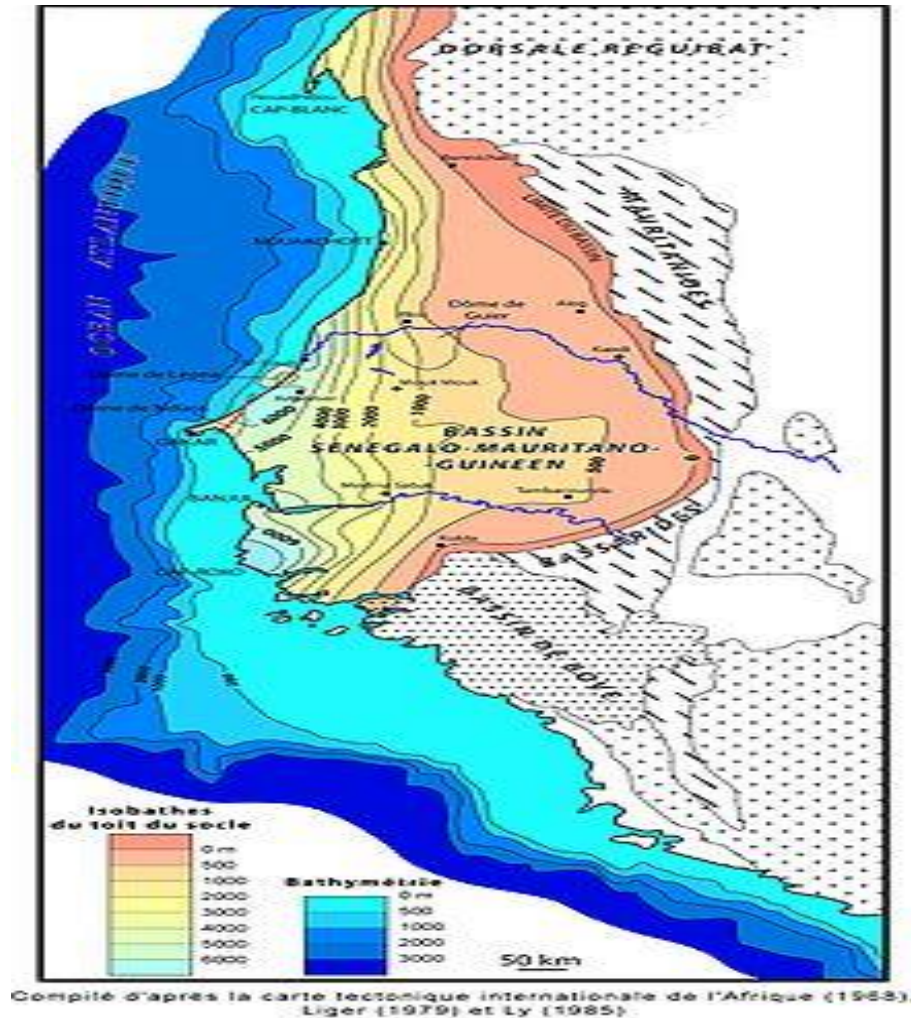
Where find the good & best life?

SENEGAL

Presentation



Climate & Ocean



- Tropical & dry

dry & rainy saison

Presentation

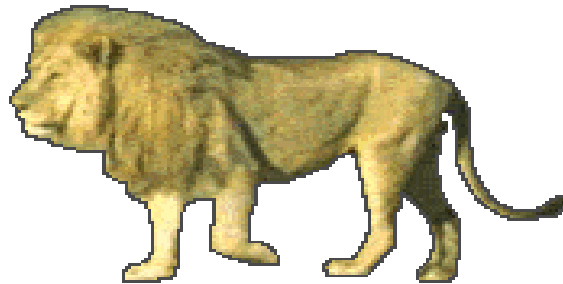
- Capital: Dakar
- Population: 14 million
- Area: 192712 km²
- GDP / H: \$ 1 900
- Currency: CFA franc

€ 1 = 655.957CFA

\$ 1 = 530.9403CFA

- Number of region: 14
- Number of department: 44

SENEGAL



April 4th 1960

One people, one goal, one faith

POLITICS







CULTURE AND TRADITION

- National Language : French
- Several other languages: Wolof
Toucouleur
Serere
Diola
Mandingue
Sarakhoule
Peulh

CULTURE AND TRADITION



MBALAX



LAMB



SABAR



Typicals Dishes



SPORT



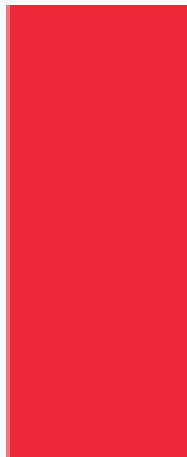
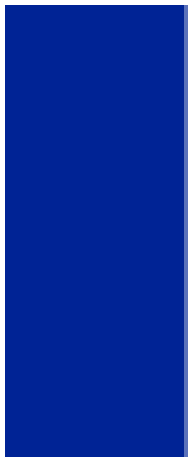
SOCCKER



WRESTLING



Presentation



Liberty, Equality, Fraternity

Presentation

- Capital: Paris
 - Population: 65 million
 - Area: 675417km²
 - GDP / H: \$ 41018
 - Currency: Euro
- € 1 = 1.22\$
- Number of region: 27
 - Number of department: 101

Toulon City

- Population: 15041H
- Area: 225.1km²
- GDP / H: \$ 24655
- Region : PACA
- Department : VAR



University of South Toulon Var

- The University of Toulon and Var : 1968
- 4 Sites in : Toulon
Valette
Draguignan
St. Raphael



University of South Toulon Var

The UTV

2004

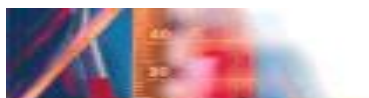


University of South
Toulon-Var (USTV)

10,000 students



University of South Toulon Var



UFR Sciences et Techniques



UFR Sciences et Techniques des Activités
Physiques et Sportives



UFR Droit



UFR Sciences Economiques et de Gestion



UFR de Lettres et Sciences Humaines



Institut des Sciences de l'Ingénieur
de Toulon et du Var



Institut d'Administration des Entreprises



Institut Universitaire de Technologie



UFR Information Communication
Institut Ingémédia



Formation Continue



ISITV

The Institute trains engineers in three specialties:



Marine engineering
Telecommunications Engineering
Materials Engineering

INTEGRATE ISITV

The duration of studies :3 years.

Recruitment:

In the first year:

- On file for License 2 or 3, DUT.
- ARCHIMEDES Competition for student from preparatory classes

In the second year :

- Direct admission into is possible for a master's degree or equivalent degree.

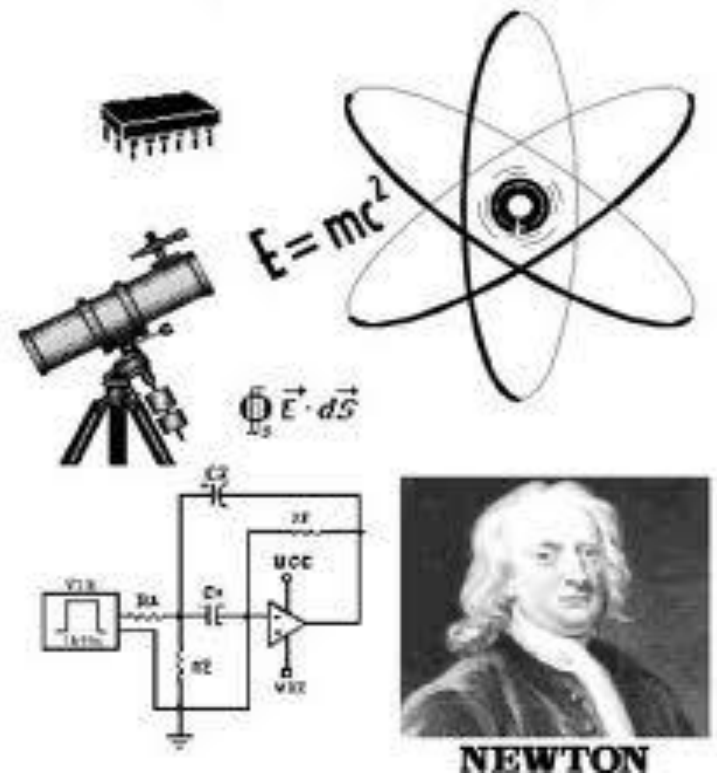
Marine engineering

- Coastal and ocean engineering
- Physical Oceanography and Instrumentation
- marine Technology



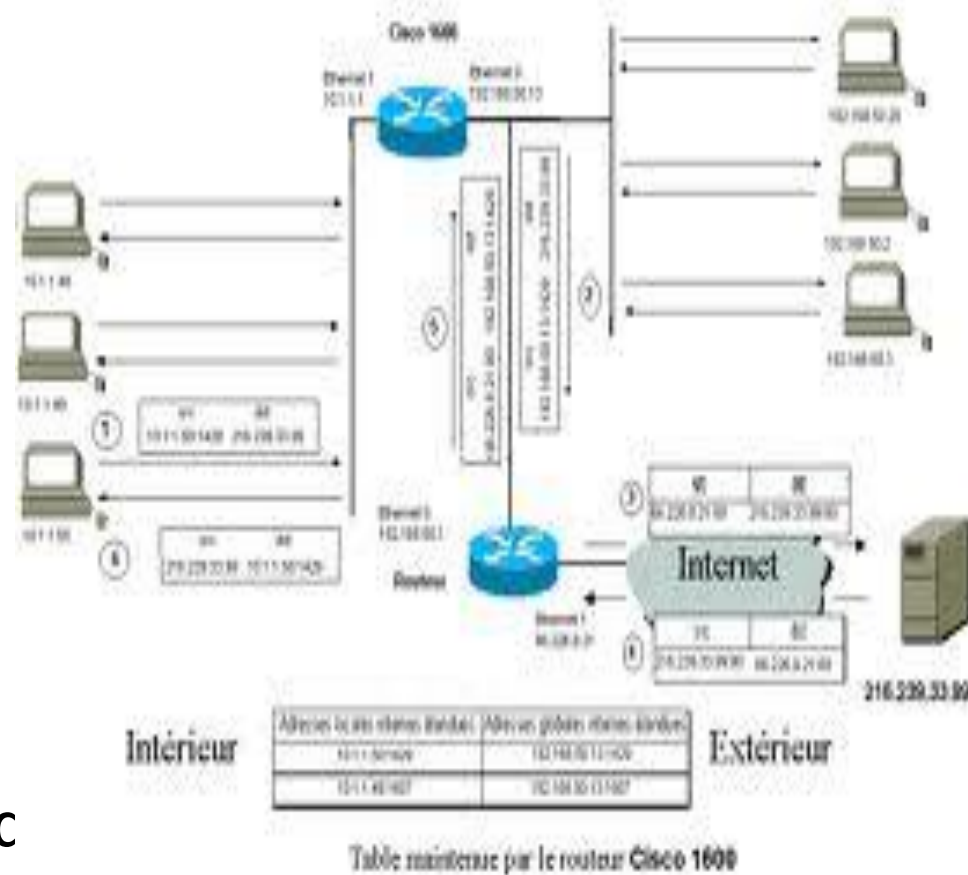
Materials Engineering

- The choice of materials
- Design
- Modeling
- Development
- Life of materials
- The achievement



Telecommunications Engineering

- Computing
- Telecommunications
- Signal Processing
- Processing Images and Vic



The program of the specialty

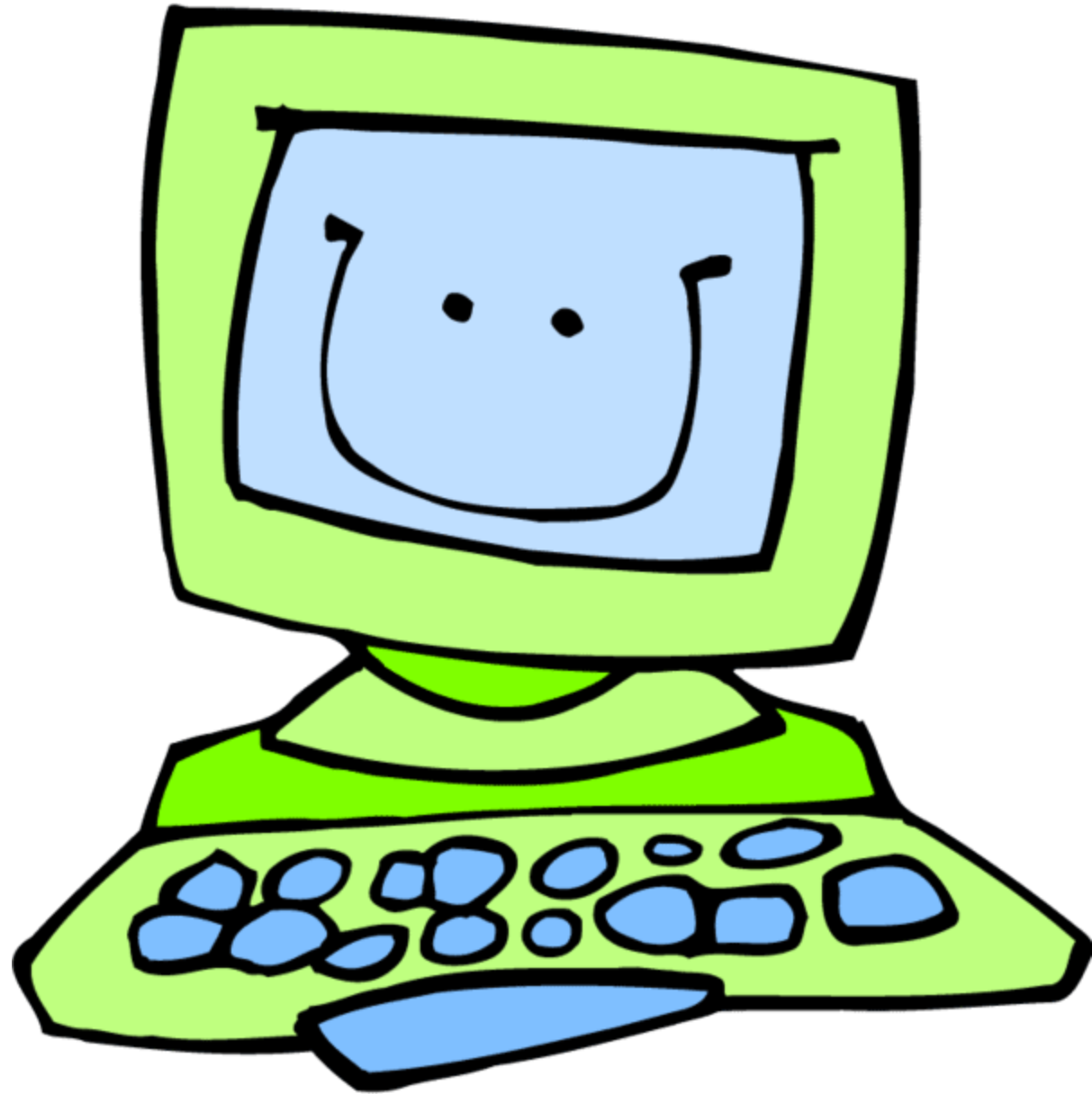
- Digital Communications : (Networks & Protocols, Modes of transmission, VoIP, Mobile, TNT, digital TV , Mobile)
- Acquisition, processing (signals, images, videos)
- Databases (SQL, MySQL)
- Operating systems (Windows, GNU /Linux, Mac OS)
- Development Framework (Eclipse / Netbeans,.net)

The program of the specialty

- Design and management of websites, multimedia,
- Networked computer systems, security systems,
- algorithms, programming, numerical methods,
- Modeling & Simulation,
- Object Oriented Programming,
- Real time and embedded systems, DSP,
- Aerospace communications, GPS

Simulation Tools / Languages

- UML
- Opnet
- Matlab
- Simulink
- C & C ++
- Visual C ++
- HTML
- XML
- JavaScript
- Java
- Android
- PHP / ASP



Simon Fraser University



INSFNet

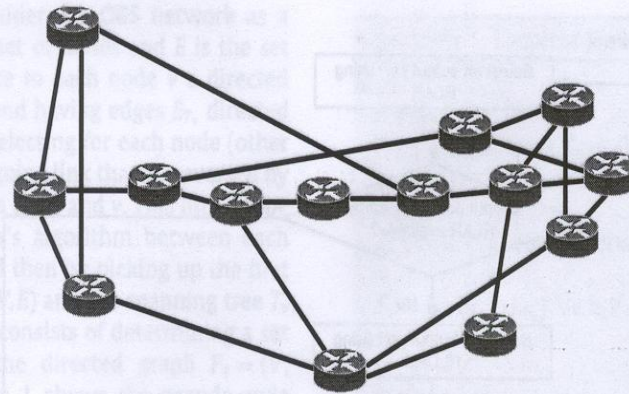
16 nodes

34 links

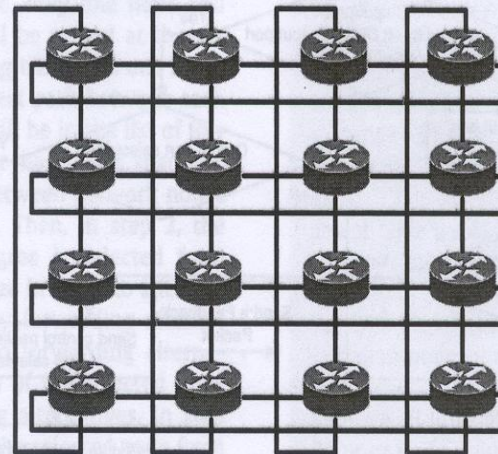
Transfert data

2100

A. Belbekkouche et al. / Computer Networks 53 (2009) 2091–2105



(a)



(b)

Fig. 6. NSFNET topology with 14 nodes (a) and regular torus topology with 4×4 nodes (b).

Thanks

- **Ljiljana Trajkovic, Professor**
- **Nabil M. Al-Rousan, M.A Sc. students**
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- **Rajvir Gill, M.A Sc. students**
- **Ravinder Paul, M.A Sc. Students**
- **Tanjan, M.A Sc. Students**
- **All Personals of the Simon Fraser University**

THANK for your attention

I know I will miss you
but don't worry
don't cry
I will return
I love You