

# Curriculum Vitae



## PERSONAL INFORMATION

Name **ALLARD FRANCIS**  
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## WORK EXPERIENCE

- Dates (from – to) From 01/10/1992 to present
- Name and address of employer University of La Rochelle 23 ave; A. Einstein, F-17071 LA Rochelle cedex 9, France
- Type of business or sector Research & Education
- Occupation or position held University Professor, Vice Rector for Research since May 2008
- Main activities and responsibilities Head of LEPTIAB Laboratory since 09/1994, Dean of the faculty of Sciences and Engineering 1998-2003, Director of Building Engineering Dpt 1993-1998.
  
- Dates (from – to) From 01/01/1982 to 30/09/1992
- Name and address of employer CNRS/CETHIL Domaine scientifique de la Doua , Bât . S. Carnot, 9 rue de la Physique, 69621 Villeurbanne cedex, France
- Type of business or sector Research
- Occupation or position held Chargé de recherche
- Main activities and responsibilities Responsible of a research team on natural convection and coupled heat and mass transfers in indoor environments
  
- Dates (from – to) From 01/10/1988 to 30/09/1989
- Name and address of employer Lawrence Berkeley National Laboratory (Berkeley, California)
- Type of business or sector Research
- Occupation or position held Invited Scientist
- Main activities and responsibilities Member of the international IEA COMIS Project , development of a state of the art model on multizone airflow in buildings
  
- Dates (from – to) From 01/09/ 1979 to 31/08/1981
- Name and address of employer CEMERSOL (Center of Measurement and Development of Solar Energy), Caracas, Venezuela
- Type of business or sector Research & Education
- Occupation or position held Head of CEMERSOL
- Main activities and responsibilities Creation and development of CEMERSOL Laboratory, Director of CEMERSOL.
  
- Dates (from – to) From 01/10/1975 to 31/08/1979
- Name and address of employer Université Claude Bernard Lyon I, Domaine Scientifique de la Doua , 69100 Villeurbanne, France,
- Type of business or sector Research & Education
- Occupation or position held Assistant professor at Technical Institute Lyon I ,
- Main activities and responsibilities PhD Student at Cethyl and research assistant ,

## EDUCATION AND TRAINING

- Dates (from – to) 1982-1987
- Name and type of organisation providing education and training INSA de Lyon, Université Claude Bernard Lyon I
- Principal subjects/occupational skills covered « Contribution à l'étude des transferts de chaleur dans les cavités thermiquement entraînées à grand nombre de Rayleigh. Application aux cellules d'habitation ».  
**Natural Convection in Rooms**  
Docteur d'Etat ès Sciences
- Title of qualification awarded
- Level in national classification (if appropriate)
  - Dates (from – to) 1975- 1978
- Name and type of organization providing education and training INSA de Lyon,
- Principal subjects/occupational skills covered « Etude des ponts thermiques des parois de bâtiment en régime variable des températures ».  
**Transient Heat Transfer in Buildings Thermal Bridges**  
Docteur Ingénieur (Ph D)
- Title of qualification awarded
- Level in national classification (if appropriate)
  - Dates (from – to) 1970-1975
- Name and type of organization providing education and training INSA de Lyon,
- Principal subjects/occupational skills covered Civil Engineering, Building Engineering and Town Planning
- Title of qualification awarded Ingénieur en Génie Civil et Urbanisme (Master degree)
- Level in national classification (if appropriate)

## PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career  
but not necessarily covered by formal  
certificates and diplomas.*

### MOTHER TONGUE

**FRENCH**

### OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

**SPANISH, ENGLISH,**  
EXCELLENT EXCELLENT  
GOOD GOOD  
EXCELLENT GOOD

## SOCIAL SKILLS AND COMPETENCES

*Living and working with other people, in  
multicultural environments, in positions  
where communication is important and  
situations where teamwork is essential  
(for example culture and sports), etc.*

**MEMBER OF SCIENTIFIC AND PROFESSIONAL ASSOCIATIONS:** ASHRAE, ISIAQ, REHVA, AICVF, AUGC (FRENCH ASSOCIATION OF CIVIL ENGINEERING), SFT (FRENCH SOCIETY OF THERMAL SCIENCES), MEMBER OF THE IAIAS (INTERNATIONAL ACADEMY OF INDOOR AIR SCIENCES)  
**PRESIDENT OF REHVA** (EUROPEAN FEDERATION OF HVAC ENGINEERS ASSOCIATIONS) SINCE 2008,  
**IN THE PAST (1988--1992) :** -PRESIDENT OF A REGIONAL ASSOCIATION OF PUPILS PARENTS (12000 MEMBERS), ADMINISTRATOR OF A SOCIAL CENTER IN LA ROCHELLE (1996-2001)

ORGANISATIONAL SKILLS  
AND COMPETENCES

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

**AT WORK:** MANAGEMENT OF PEOPLE , BUDGETS FOR EDUCATION AND RESEARCH :

- DIRECTOR OF LEPTIAB (SINCE 1994) (80 SCIENTISTS AND TECHNICAL STAFF),
- DEAN OF THE FACULTY OF SCIENCES AND ENGINEERING (1998- 2003) 2100 STUDENTS, 150 PROFESSORS 75 TECHNICAL AND ADMINISTRATIVE STAFF,

**ORGANISATION OF CONFERENCES AND SEMINARS:** CHAIRMAN OF THE SCIENTIFIC COMMITTEES OF INTERNATIONAL CONFERENCES (EPIC 98, 2002, 2006) , MEMBER OF MANY SCIENTIFIC COMMITTEES (INDOOR AIR, CLIMA, HEALTHY BUILDINGS, ROOMVENT, CLIMAMED,.....).

**COORDINATOR OF NATIONAL AND EUROPEAN PROJECTS.** USED TO MANAGE INTERNATIONAL NETWORKS AND INTERNATIONAL PROJECTS.

AWARDS

- Gold medal (Prix Missenard: research award) of AICVF (French HVAC Engineers Association) (2003)
- Doctor Honoris Causa of University of Bucharest (2005)
- Member of the International Academy of Indoor Air Sciences (2005)

SCIENTIFIC EXPERTISE

- Natural convection in room
- Indoor Air Quality: Pollutant transport in rooms, numerical modelling and experimental.
- Ventilation: natural and mixed ventilation.
- Interaction between urban micro climate and buildings (energy demand and Indoor Environment Quality)
- Energy and environmental policies for buildings