



BRICAGE Pierre,
biologist
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- The International Academy for Systems and Cybernetic Sciences, **IASCYS** Secretary General, 2010 -
<http://www.iascys.org>
- The World Organisation of Systems & Cybernetics **WOSC** member of the Directorate, 2011 – 2017
<http://www.wosc.co>
- The European Union for Systemics **EUS-EUS**, Deputy Secretary General 2011 – 2015
<http://aes.ues-eus.eu>
- The French Association for Systems Sciences **AFSCET** (Association Française de science des Systèmes cybernétiques Cognitifs Et Techniques), Vice-President 2000 -
<http://www.afscet.asso.fr>
<http://www.afscet.asso.fr/pagesperso/Bricage.html>

<http://armsada.eu>



Sichuan University

long term guest professor

2015 – 2021

- graduate in biochemistry, biophysics, embryology, genetics (*UPMC Paris VI*, 1969).
- postgraduate in quantitative genetics (*ENS Paris*, 1970) & molecular genetics (*CGM-CNRS Gif/Yvette*, 1971),
 - biology (physiology) agrégation in Nature & Life Sciences (*ENS, St Cloud*, 1972),
- postdoc in plant biotechnology (*LPPV-CNRS*, 1972-1973) & **informatics** (*LISH-EHESS, Paris*, 1984).
- education sciences internships: **teaching teachers new technologies** (*IDEN Toulouse*, 1984-1985 & *IUT Aix*, 1986).

research papers in

- plant biotechnology & agronomy (*IFAN, Dakar, Senegal*, 1974-1981),
- plant biochemistry, ecophysiology & genetics (*LPP, Dakar*, 1978-1981 & *IBEAS, Pau, France*, 1982-1992),
 - microbiology, bacteriology (*CRBL, Dakar & CNRS, Thiais, France*, 1977-1981),
 - wild and anthropo-**systems** evolution & **management** (*CBEA, Pau*, 1981-1988),
 - plant population genetics & ecophysiology (*CURS-UPPA, Pau*, 1986-1992),
- plants-insects relationships, predators-preys, symbiosis (*CBEA & IBEAS, Pau*, 1988-1999),
 - biological products **quality control** (*CETA, Pau*, 1988-2000),
- **education sciences: information technologies** (*LDCP, Pau*, 1982-1992 & *LPAF, Toulouse*, 1992-2010),
 - **qualitative & quantitative performances** in extreme environments (*LBAS, Pau* 1988-1992 & *Sports InterArmies Institute, Fontainebleau, France*, 1990-1994),
- **chronobiology for improving scholars competencies** (*LBAS, Pau*, 1988-2000 & *LPAF, Pau* 1999-2010),
 - health and **societal systems engineering** (*AFSCET, Paris* 1999- & *MCX20, Aix, Pau*, 1998-2010).

academic teaching and management activities

- assistant-professor in microbiology (*CRBL, Senegal*, 1975), plant ecophysiology (*CAMES, Senegal*, 1977), genetics (*ENS, Nouakchott, Mauritania*, 1979), biochemistry and genetics (*UPPA, Pau*, 1981), **applied micro-informatics** (*UPPA, Pau*, 1983), - life sciences department head (*UPPA Pau*, 1984-1988).
- adjunct-professor of animal & plant physiology (1986), - associate-professor of human physiology, chronobiology (1988), - health and social sciences department director (2000-2010), - retired 2010.
- AFSCET* vice-president (Paris, 2002-2023), *UES-EUS* deputy secretary general (*Bruxelles, Belgique*, 2011-2015), *WOSC* director (*Lincoln, UK*, 2011-2017), *IASCYS* secretary general (*Vienna, Austria*, 2010-2023).

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