

Research units and laboratories

Research Unit: Materials, Processes and Environment

Code: C0961900

Director: BENMOUNAH Abdelbaki

Team code	Title of the team	Team Leader
C0961901	Technology of Dispersed Media (group: Divided Matter Materials Heterogeneous)	BENMOUNAH Abdelbaki
C0961902	Mechanics of Materials	Dilmi Hamid
C0961903	Physical Chemistry and Microstructure of Materials	KHERIBET Rabia
C0961904	Cement Materials and Geo-polymers	ABADLIA Mohamed Tahar
C0961905	Eco-Materials, Recycling and Waste Recovery	SAFI Brahim
C0961906	Advanced Materials. Glass and Sol-Gel Materials	TALA-IGHIL ZAIR Razika
C0961907	Thin and multilayer coatings	BLIZAK Salah

C0961908	Ceramic and Refractory Materials	BOUMCHEDDA Khaled
C0961909	Magnetic Materials	AOUAROUN Tahar
C0961910	Chemistry of Matter and Environment	HACHEMI Messaoud
C0961911	Mechanics of Fibrous Materials	ZERIZER Abdellatif
C0961912	Materials and Archaeometry	HAMIANE Messaoud
C0961913	Semiconductors & Nanomaterials	DOKHAN Nahed
C0961914	Concrete Engineering and Construction Durability	CHAID Rabah
C0961915	Modeling, Simulation and Optimization of Alternative and Sustainable Systems	MOHAMMEDI Kamel

Laboratory of excellence: Signals and Systems

Code: C0961000

Director: RECIOUI Abdelmadjid

Team code	Title of the team	Team Leader
C0961001	Electric Drives and Industrial Systems Applied to Power Systems	KHELDOUN Aïssa
C0961002	Control Theory and Diagnosis	KOUADRI Abdelmalek
C0961003	Microelectronic Systems Applied to Power Systems	BENTARZI Hamid
C0961004	Embedded systems and Robotics	BELAIDI Hadjira
C0961005	Industrial Instrumentation	OUADI Abderrahmane
C0961006	Smart Grid and Communication	DEKHANDJI Fatma Zohra

C0961007	Telecommunications Systems	CHALLAL Mouloud
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Hydrocarbon Engineering Physics
Code: C0900300
Director: ZAMOUM Mohamed

Team code	Title of the team	Team Leader
C0900301	Physico-chemistry of industrial fluids in the oil industry and their impacts	BENYOUNES Khaled
C0900302	Modeling, simulation and optimization of processes in the hydrocarbon industry	ZERAIBI Nouredine
C0900303	Porous Media and Enhanced Oil Recovery	GARECHE Mourad
C0900304	Hydrocarbon flows with phase change	ZAMOUM Mohamed
C0900305	Transfer phenomenon of petroleum fluids	BOUCETTA Rachid

Coatings, Materials and Environment

Code: C0900900

Director: ABAIDIA Seddik El Hak

Team code	Title of the team	Team Leader
C0900901	Polymeric and composite materials	KOUINI Benalia
C0900902	Elaboration and characterization of hybrid deposits, films and interfaces	ZABAT Mokhtar
C0900903	Organic and composite materials	BOUSSAK Hassina
C0900904	Structured and nanostructured materials for multifunctional applications	BELHOUCIF Rekia
C0900905	Nanosciences and Nanotechnologies	ABAIDIA Seddik El hak
C0900906	Numerical Modeling in Materials Physics	MEZHOUD Reda
C0900907	Numerical Simulation in Thermo-Nanofluids	BENKhedda Mohammed
C0900908	Thin Films and Materials	Bouaouina Boudjemaa

**Conservation and Development of
Biological Resources
Code: C0911500
Director: ACHEUK Fatma**

Team code	Title of the team	Team Leader
C0911501	Exploration and exploitation of useful local microflora	HALOUANE FATIMA
C0911503	Medicinal Plants and Biological Control	Chahbar Nora
C0911504	Protection and development of local honeybees	MOHAMMEDI Arezki
C0911505	Biotechnology and development of bio-pesticides	ACHEUK Fatma

*Physics of the Earth Code:
C0920400
Director: ALIOUANE Leila*

Code of the team	Title of the team	Team Leader
C0920401	Estimation of physical parameters of the subsurface by artificial intelligence	FERAHTIA Jalel
C0920402	Artificial intelligence techniques applied to reservoir characterization	ALIOUANE Leila
C0920403	Predictive modeling	ALLEK Karim
C0920404	Reservoir petrophysical characterization	EL ADJ Said

Mineral and Energy Resources
Code: C0921400
Director: SADAOUI Moussa

Team code	Title of the team	Team Leader
C0921401	Reservoir characterization, modeling and evaluation.	CHAOUCHI Rabah
C0921402	Geology, petrology and geochemistry of Hoggar and Eglab, prospecting mining, metallogeny of tin, tungsten, gold and rare metals.	LOUMI Khaled
C0921403	Research and exploration of hydrocarbon accumulations.	SADAOUI Moussa
C0921404	Research and prospecting of useful minerals in the North of Algeria.	BELHADI Ahmed

Electrification of Industrial Companies
Code: C0930100
Director: HABI Idir

Team code	Title of the team	Team Leader
C0930101	Metaheuristics applied to energy systems	BENJGHABA Omar
C0930102	Infotronics	TADJER Sid-Ahmed

C0930103	Microelectronics and microsystems	NADJI Bouchra
C0930104	Optimization of the control of electromechanical systems	BOUMEDINE Mohamed Said
C0930105	Reliability and Instrumentation	MEGLOULI Hocine
C0930106	Engineering and energy management	TAHI Razika

Petrochemical Synthesis
Code: C0940500
Director: KADDOUR Omar

Code of the team	Title of the team	Team Leader
C0940501	Valuation of raw materials	HAMADA Boudjema
C0940502	separation processes and environment	BEDDA Kahina
C0940503	Engine Oil Additives	KADDOUR Omar
C0940504	Ergonomics and environmental protection	TAIRI Abdelaziz
C0940505	Wastewater treatment	SAOUD Abdesslem

Processing and Shaping of Fibrous Polymers

Code: C0941200

Director: ALIOUCHE Djamel

Code of the team	Title of the team	Team Leader
C0941201	Synthesis and physical chemistry of biopolymers	ALIOUCHE Djamel
C0941202	Conductive polymers: synthesis and chemical treatment	DJELALI Nacer-Eddine
C0941203	Electropolymerization and corrosion	GHEMMIT-DOULACHE Naima
C0941204	Transformation and shaping processes	CHEMANI Bachir

Computer Science, Modeling, Optimization and Electronic Systems

Code C0951700

Director: MEZGHICHE Mohamed

Team code	Title of the team	Team Leader
C0951701	Quality of Service, Privacy and Security of Dynamic Systems and Networks	RIAhLA Mohamed
C0951702	Implementation on programmable circuits, data protection and data processing images	HAMADOUche M
C0951703	Intelligent vision for image processing, analysis and recognition	GACEB Djamel
C0951704	Software specification and information processing	IMACHE Rabah
C0951705	Artificial Intelligence and Optimization	BERRICHI Ali
C0960200	Reliability of Petroleum Equipment and Materials	BOUALI Elahmoun
C0960201	Maintenance and diagnosis of petroleum equipment	DJEMA Mohamed

Reliability of material and structure resistance

Code: C0960200

Director: BENBRIK Abderrahmane

Code of the team	Title of the team	Team Leader
C0960201	Maintenance and Diagnosis of Petroleum Equipment	BLOUL Benattia
C0960202	Reliability of material and structure resistance	ABDELBAKI Nouredine
C0960203	Behavior and technology of materials	GACEB Mohammed
C0960204	Modeling and Optimization of Thermal Systems	BENBRIK Abderrahmane



Hydrocarbon Technologies Code: C0960600

Director: BEN TAHAR Nourredine

Team code	Title of the team	Team Leader
C0960601	Synthesis of nanoparticles	DEHAK Karima Ep OUGH
C0960602	Water treatment	BEN TAHAR Nourredine
C0960603	Environment and biofuels	DJEDDI Amel
C0960604	Adsorbents and catalysts	BOUCENNA Ali

Applied Automatic
Code: C0960700
Director: CHAIB Ahmed

Team code	Team Leader	Title of the team
C0960701	System control and diagnostics	CHAIB AHMED
C0960702	Intelligent Systems	HABBI HACENE
C0960703	Process Control	KHELASSI Abdelmadjid
C0960704	Simulation of Automated Systems	ACHELI Dalila
C0960705	Analysis of complex systems	KIDOUCHE Madjid
C0960706	Control and Optimization of Renewable Energy Systems	KESRAOUI Mohamed

Mechanical Engineering of Solids and Systems
Code: C0960800
Director: BENZAOUZ Djamel

Team code	Title of the team	Team Leader
C0960801	Supervision and Diagnosis	BENZAOUZ Djamel

C0960802	Operational safety and industrial risk	ADJERID Smail
C0960803	Detecting faults in rotating machines using artificial intelligence	RAHMOUNE Chemsedine
C0960804	Embedded computing	BENMOUSSA Yahia

Food Technology
Code: C0961100
Director: MESSAOUD-BOUREGHDA Mohamed zine

Team code	Title of the team	Team Leader
C0961101	Water treatment	BENRACHEDI Khaled
C0961102	Characterization of new products and equipment	NOURI L'HADI
C0961103	Food preservation technology	BENAKMOUM Amar
C0961104	Biotechnology and environment	FAZOUANE FETHIA
C0961105	Food quality control	YAHIAOUI KARIMA
C0961106	Environment and sustainable development	LOUHAB Krim

Motor Dynamics and Vibroacoustics Code: C0961300

Director: NOUR Abdelkader

Team code	Title of the team	Team Leader
C0961301	Engine dynamics and integrated engineering of mechanical assemblies	NOUR Abdelkader
C0961302	Computational Fluid Mechanics & Renewable Energy	SACI Rachid
C0961303	Energetic	AGUIB Salah
C0961304	Mechanical Behavior of Materials	SEBA Djamilia

Energy, Mechanics and Engineering
Code: C0961600
Director: HACHEMI Madjid

Team code	Title of the team	Team Leader
C0961601	Thermo-fluid	MANSOURI Kacem
C0961602	Sustainable Energetic Systems	HIMRANE Nabil
C0961603	Turbomachinery and Energy Conversion	HACHEMI Madjid
C0961604	Mechanics and Systems and Process Engineering	DJEBILI Omar
C0961605	Combustion engines and alternative energy	LOUNICI Mohand said

Team code	Title of the team	Team Leader
C0972001	جزائر ما بعد البترول التفكير في البديل خيار استراتيجي	
C0972002	دراسة العالمة بين سعر الصرف والتضخم النؤدي وسبل تحذيق السنؤرار في الجزائر	
C0972003	دور السياسة النؤدية في نفعيل الاستثمار، واثرة على النمو اللؤتصادي في الجزائر	
C0972004	المؤسسة المرصغرة كخيار إستراتيجي لتحذيق التنمية الملحية	
C0972005	دور الإبتكار في دعم و ترؤبة المذاولنؤة لدى خريجي الجامعات الجزائرية	

C0972006

تأثير ونفع دور مؤسسة الزكاة و البنوك الإسلامية في تحسين مناخ الأعمال و إعادة بعث الاستثمار في الجزائر

Team code	Team code	Team code
C0972101	دور الذكاء الإقتصادي في تطوير المؤسسات والهياكل الجزائرية	BENAATER Abderrahmane
C0972102	تأهيل المؤسسات الصغيرة و المتوسطة في الجزائر و آثارها على تنافسيتها	OUNIS Abdelmajid
C0972103	تمويل المؤسسة الجزائرية في ظل تحديات البيئة الداخلية و الخارجية	BELOUANES Abdellah
C0972104	عصرنة المؤسسات الإقتصادية الجزائرية	BENHAMIDA Hicham
C0972105	تأثير المنظمة و أداء المؤسسات الإقتصادية	CHIKHI Billal

Political and International Studies

Code: C0972201

Director: AMROUCHE

Abdelouahab

Team code	Team code	Team code
C0972201	لتحوالت السياسية في الشرق الأوسط	مراد
C0972202	لجزائر في محيطها الإقليمي	ة صالح الدين

C0972203	لذاتون الدولي والعالقات الدولية	مير
C0972204	لسياسات العامة والأنظمة المزارنة في الشرق الأوسط	لبندة
C0972205	لدولة والتهديدات المنيمة الجديدة	س عبد الوهاب
C0972206	إلصالحات السيساسية والتوتصادية في المنطقة العربية	لبنان
C0972207	المرن والتنسية في أفريقيا	عبد الوهاب

ESTs, Valuation, Physical Chemistry of Biological Materials and Biodiversity

Code: C0991800

Director: BEHIDJ Nassima

Team code	Team code	Team code
C0991801	Treatment and recovery of waste and by-products	AMRANI Moussa
C0991802	Useful and harmful fauna and their limitation in different environments.	BEHIDJ Nassima
C0991803	Characterization of plant genetic resources	CHEBOUTI Nadjiba
C0991804	Formulation, functional foods	AMELLAL Hayat
C0991805	Biosystematics of the fauna of terrestrial and aquatic ecosystems	BENDIFELLAH Leila
C0991806	Physical chemistry of interfaces, catalysis and environment	ZIATI Mounir



**Biodiversity, Biotechnology, Environment and
Sustainable DevelopmentCode:
C0912500
Director: AMGHAR Fateh**

Team code	Team code	Team code
C0912501	Restoration, Biodiversity and Ecology of Aromatic and Medicinal Plants	AMGHAR Fateh
C0912502	Secondary Phytometabolites: Biodiversity, Biosynthesis and Bioactivity	BENABDELKADER Tarek
C0912503	Moulds and Mycotoxins. Risk assessment, integrated and sustainable control	RIBA Amar
C0912504	Biotechnology and molecular pathologies	AIT-IDIR Djouher

Bioinformatics, Applied Microbiology and Biomolecules

Code: C0912600

Director: Bouchenak-Arab Ouahiba

Team code	Team code	Team code
C0912601	Structural Bioinformatics, Molecular Modeling and Drug Design	KHEMILI-TALBI SOUAD
C0912602	MetaGenomics and BioMathematics	BISSAAD FATIMA ZOHRA
C0912603	Applied and Molecular Microbiology	Kebbouche-Gana Salima
C0912604	BioMolecules and Health	BOUCHENAK-ARAB OUAHIBA
C0912605	Thin Films and Biological Applications	MERIEM- BLIZAK Djanet
C0912606	Biotechnologies applied to animal production and health	Kaouche-Adjlane Soumeya

Systems and Telecommunications Engineering
Code: C0962400
Director: FELLAG Sidali

Team code	Team code	Team code
C0962401	Automation and Control of Industrial Processes	FELLAG Sid Ali
C0962402	Computer Vision and Artificial Intelligence	HARRAR Khaled
C0962403	Medical Imaging	AMMAR Mohammed
C0962404	Telecommunications Systems and Networks	FELLAG Sidali

**Legal Mechanisms for Sustainable
DevelopmentCode: C0972300
Director: YOUSFI Amel**

Team code	Team code	Team code
C0972301	Constitutional revisions and its impact on development	GUEZLANE Salima
C0972302	International mechanisms to revitalize the national economy	YOUSFI Amel
C0972303	The role of local authorities in development	AISSA Zahia
C0972304	The alternatives of the national economy out of hydrocarbons	DJALIL Mounia
C0972305	Social Risks	RABHI TEBBOUN F
C0972306	Risks related to economic activities	HASSAINE Samia
C0972307	Scientific and Technological Development Risks	ABBAS Farid
C0972308	Risk liability regime	DJBARA Noura

❖ **Development financing in the Algerian economy**
Code: C0972700

Director: SAIDJ Abdelhakim

Team code	Team code	Team code
C0972701	تمويل وتنمية البورصة في الجزائر	وكسانبي رشيد
C0972702	تقنيات الكمية و النمذجة الأساسية لتمويل التنمية	سعيد عبد الحكيم
C0972703	دراس المال المعرف في كاساس للتنمية	رفيق عليوات
C0972704	لبنوك و تمويل التنمية	ورزامة جوالدي