

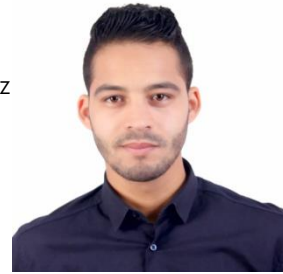
YOUCEF BECHEFFAR



LABORATOIRE DE RECHERCHE DES TECHNOLOGIES INDUSTRIELLES, IBN KHALDOUN, UNIVERSITY OF TIARET, 14000, ALGERIA.



youcefbecheffar@univ-tiaret.dz
youcefrko@gmail.com



PERSONAL INFORMATION

NATIONALITY: ALGERIAN.
DATE OF BIRTH:
31/03/1994.
MARITAL STATUS: SINGLE.

CONTACT



CITY LOUZ N° 67, TIARET
ALGERIA.
POSTAL CODE 14000.



(+213) 0772 02 68 60



youcef-becheffar-53a092178

SOFTWARE

ANSYS FLUENT
ANSYS ICEM
FLUENT/GAMBIT
ANSYS MECHANICAL
ANSYS POLYFLOW
ORIGINLAB
TECPLOT
OFFICE EQUIPMENT

LANGUAGES

ARABE
FRENCH
ENGLISH

COMPETENCIES

AUTONOMY
LEADERSHIP
ABILITY TO ADAPT
SENSE OF INITIATIVE
WORK IN A TEAM

INTEREST DOMAINS IN RESEARCH

NUMERICAL INVESTIGATIONS OF FLOWS AROUND A BLUFF BODY IN THE LAMINAR, TRANSIENT AND TURBULENT REGIMES, IN ORDER TO IMPROVE THE NUSSELT NUMBER AND REDUCE THE DRAG COEFFICIENT.

NUMERICAL STUDY OF THE RHEOLOGICAL, HYDRODYNAMIC AND THERMAL BEHAVIOUR OF NON-NEWTONIAN FLUIDS IN THE LAMINAR, TRANSIENT AND TURBULENT REGIMES.

RESEARCH ON THERMO-CONVECTIVE TRANSFERS AND FLOWS OF NANOFLUIDS IN POROUS MEDIA IN THE PRESENCE OF HYDRO-MAGNETIC FORCE, IN ORDER TO IMPROVE THE THERMAL PERFORMANCE OF THE HEAT EXCHANGER, AND ALSO THE PHASE CHANGE OF FLUIDS IN INNOVATIVE RENEWABLE ENERGY.

DIPLOMAS

PREPARATION FOR THE DOCTORATE DEGREE (SINCE NOVEMBER 2019)

NUMERICAL SIMULATION OF A FLOW AROUND A TRANSVERSELY GROOVED CYLINDER, HYDRODYNAMIC STUDY.
IBN KHALDOUN UNIVERSITY, TIARET, ALGERIA.

BRANCH : MECHANICAL ENGINEERING
SPECIALTY : ENERGETIC

IBN KHALDOUN UNIVERSITY, TIARET, ALGERIA.

BRANCH : MECHANICAL ENGINEERING
SPECIALTY : ENERGETIC

NATIONAL SPECIALIZED INSTITUTE OF PROFESSIONAL TRAINING, TIARET, ALGERIA.

BRANCH : MAINTENANCE OF COMPUTER AND OFFICE EQUIPMENT.

IBN KHALDOUN UNIVERSITY, TIARET, ALGERIA.

BRANCH : GÉNIE MÉCANIQUE
SPECIALTY : ENERGETIC

MOHAMED BEN ABDELKARIM HIGH SCHOOL, TIARET, ALGERIA.

BRANCH : MATHEMATICAL TECHNIQUE, MECHANICAL ENGINEERING.

DIPLOMA MASTER 2 (JULY 2018)

DIPLOMA SUPERIOR TECHNICIAN (JUNE 2017)

DIPLOMA LICENCE (JUNE 2016)

BACCALAUREATE (JUNE 2013)

PROFESSIONAL EXPERIENCE

ASSEMBLY OPERATOR AT SARL TAHKOUT MANUFACTURING COMPANY, TIARET - (AUGUST 2018- FEBRUARY 2020).

PROFESSIONAL INTERNSHIP

SONATRACH-SINOPEC COMPANY / ZARZAITINE-IN AMENAS DEPOSIT.- (2018).
COMPRESSOR STATION, PUMPING STATION.

THE ALGERIAN COMPANY ALFET, TIARET - (FEBRUARY 2018).
FUNCTIONING OF A SCREW COMPRESSOR.

THE ALGERIAN COMPANY OROLAIT, TIARET - (JANUARY 2018).
FUNCTIONING OF A HEAT EXCHANGER.

THE ALGERIAN COMPANY OF ELECTRICITY PRODUCTION SONEGAS, TIARET - (2016).
GAS TURBINES AND THEIR AUXILIARIES.

TEACHING

TEMPORARY TEACHER, IBN KHALDOUN UNIVERSITY OF TIARET, (APRIL 2021-JUNE 2021).

INTERNATIONAL PUBLICATIONS

INTERNATIONAL JOURNAL OF MODERN PHYSICS C. - (13 APRIL 2022).

DOI: <https://doi.org/10.1142/S0129183122501273>

LAMINAR STEADY AND UNSTEADY FLOW AROUND A CONVEX-SHAPE GROOVED CYLINDERS.

INTERNATIONAL CONFERENCES

3RD KARABAKH INTERNATIONAL CONGRESS OF APPLIED SCIENCES.
(JUNE 7-10, 2022 / KARABAGH, AZERBAIJAN).

MOMENTUM CHARACTERISTICS OF FLOW AROUND POLYGONAL CYLINDERS.

6TH INTERNATIONAL NEW YORK CONFERENCE ON EVOLVING TRENDS IN INTERDISCIPLINARY RESEARCH & PRACTICES.
(APRIL 3-5, 2022 / MANHATTAN, NEW YORK CITY).

NON-NEWTONIAN STEADY FLOW FLUIDS OVER A PAIR OF GROOVED CYLINDERS IN TANDEM ARRANGEMENT.

7TH INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH. (JANUARY 21-23, 2022 / GAZIANTEP, TURKEY).

EFFECT OF THE POROUS SURFACE ON THE AVERAGE NUSSELT NUMBER OF FORCED CONVECTION HEAT TRANSFER AROUND A

CYLINDER.

7TH INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH. (JANUARY 21-23, 2022 / GAZIANTEP, TURKEY).

CRANK NICHOLSON METHOD FOR SOLVING TRANSIENT HEAT CONDUCTION EQUATION OF SILVER.

INTERNATIONAL LIBERTY INTERDISCIPLINARY STUDIES CONFERENCE. (JANUARY 16-17, 2022 / MANHATTAN, NEW YORK).

THE VARIATIONAL ITERATION METHOD FOR SOLVING NONLINEAR PARTIAL DIFFERENTIAL EQUATION USING MAPLE.

3. INTERNATIONAL GOBEKLITEPE SCIENTIFIC STUDIES CONGRESS. (17-18 DECEMBER 2021, ŞANLIURFA).

NUMERICAL SIMULATION OF UNSTEADY LAMINAR FLOW PAST A GROOVED CYLINDER.

3. INTERNATIONAL GOBEKLITEPE SCIENTIFIC STUDIES CONGRESS. (17-18 DECEMBER 2021, ŞANLIURFA).

AMPLITUDE EFFECT OF THE CONVEX GROOVES AROUND A SMOOTH CYLINDER ON REDUCING THE WIND LOAD OF A STEADY FLOW.

ISARC 3. INTERNATIONAL PALANDOKEN SCIENTIFIC STUDIES CONGRESS. (11-12 DECEMBER 2021, ERZURUM, TURKEY).

IMPACT OF THE CONCAVE GROOVE AMPLITUDE ON REDUCING THE WIND LOAD OF A STEADY FLOW ACROSS A SMOOTH CYLINDER.

İZDAS KONGRE 3. INTERNATIONAL ANKARA MULTIDISCIPLINARY STUDIES CONGRESS. (DECEMBER 5-7 2021, ANKARA, TURKEY).

BACKWARD-FACING STEP FLOWS FOR VARIOUS STEP SHAPE AT LOW AND MODERATE REYNOLDS NUMBER.

BİLTEK-V 5. ULUSLARARASI BİLİM, TEKNOLOJİ VE SOSYAL BİLİMLERDE GÜNCEL GELİŞMELER SEMPOZYUMU. (3 -5 ARALIK 2021 MALATYA- YEŞİLYURT BELEDİYESİ EV SAHİPLİĞİNDE).

NUMERICAL INVESTIGATION OF AN UNSTEADY FLOW AROUND A CONVEX-SHAPE GROOVED CYLINDER.

EJONS 13TH INTERNATIONAL CONFERENCE ON MATHEMATICS,ENGINEERING, NATURAL & MEDICAL SCIENCES. (OCTOBER 26-27, 2021 / NEVŞEHİR, TURKEY).

INFLUENCE OF THE RECTANGULAR GROOVE AMPLITUDE ON REDUCING THE WIND LOAD OF A STEADY FLOW AROUND A CIRCULAR CYLINDER.

9TH INTERNATIONAL CONGRESS ON APPLIED SCIENCES. (11-12 AUGUST 2021 / ERZURUM, TURKEY).

A NUMERICAL INVESTIGATION OF NEWTONIAN FLUID AROUND A ROTATING GROOVED CYLINDER AT LOW REYNOLDS NUMBER

9TH INTERNATIONAL CONGRESS ON APPLIED SCIENCES. (11-12 AUGUST 2021 / ERZURUM, TURKEY).

A FORCED CONVECTION HEAT TRANSFER OF TITANIUM (TiO₂)/WATER NANOFLUID ACROSS A CIRCULAR CYLINDER: THE EFFECTS OF PRANDTL NUMBER.

9TH INTERNATIONAL CONGRESS ON APPLIED SCIENCES. (11-12 AUGUST 2021 / ERZURUM, TURKEY).

THE PRANDTL NUMBER EFFECTS OF FORCED CONVECTION HEAT TRANSFER CHARACTERISTICS AROUND A CYLINDER.

THE FIRST INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY ADVANCED TECHNOLOGIES AND APPLICATIONS. (28-30 JUNE, 2021). ICREATA'21 - RESEARCH UNIT FOR RENEWABLE ENERGIES IN SAHARAN REGION, ADRAR, ALGERIA.

EFFECT OF THE NUMBER OF TRIANGULAR GROOVES ON REDUCING THE WIND LOAD OF A STEADY FLOW AROUND A CIRCULAR CYLINDER.

THE 1ST INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY AND ADVANCED MATERIALS - (APRIL 21-22, 2021). IC-SEAM'21 - OUARGLA, ALGERIA.

THE NANOFLUID NATURAL CONVECTION HEAT TRANSFER IN A SOLAR COLLECTOR PANELS.