

Atia M. Amari

Alfateh University, P.O.Box : 13436
Tripoli – Libya
amari6500@yahoo.com



Education:

1995 – 1998 M. Sc. in Laser Physics, Seoul National University, Seoul, Korea.
1982 – 1987 B. Sc. in Nuclear Engineering, Alfateh University, Tripoli, Libya.

Work Experience:

1998- Now Researcher at Tajoura Research Centre, Department of Physics, Laser section, Tripoli, Libya.
1989 - 1995 Researcher at The Post Graduated of Electro-Optics Center, Tripoli, Libya.

Detailed professional Experiences:

Research Experience:

- Design and Fabrication Low Power CO2 Laser.
- Nd:YAG Laser System
- Fiber Optics Sensors
- Laser Spectroscopy (Atomic).
- Material Processing using Laser.
- Laser Ultrasound.

Teaching Experience:

- Laser Fundamental.
- Laser Applications.
- Electronics Circuits.
- Numerical Methods.
- Fundamental of Physics.

Publications:

1992-02-14 Optical Fiber Sensor, in the second Conference of Korean Optics, Seoul – Korea.
2003-10-08 CW CO2 Welding of SiC Particle Reinforced in Modern Techniques for Welding Conference, Tripoli, Libya.
2003-10-08 Laser Cladding of Bronze on Aluminum ZI-105 in Modern Techniques for Welding Conference, Tripoli, Libya.

Training:

- Optical fiber Temperature Sensor.
- Math Lab and Simulink Software.