

Güneş UZER

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Date of Birth : 08/30/1982

Martial Status : Single

Gender: Male

EDUCATION

Aug.'08 – Present

Stony Brook University Biomedical Engineering Department

- PhD degree in biomedical engineering.
- Advisor: Professor Stefan Judex.

Feb.'05 – Aug.'08

Stony Brook University Mechanical Engineering Department

- Master of Science degree in mechanical engineering. Major in solid mechanics and minor in design.
- Thesis: Experimental Study of Crack Propagation Characteristics in Lamellar TiAl.
- Advisor: Professor Fu-pen Chiang.

Sep.'99 – Aug.'04

Celal Bayar University Faculty of Science and Literature

- Bachelor of Arts degree in Physics.
- Undergraduate Research Assistanship (Comp. Controlled Experimental Setup for Physics lab.).
- Undergraduate Computer Lab Assistanship.
- Thesis: Heat conduction in Carbon nanotubes.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- [Society of Experimental Mechanics](#) (SEM).

REFEREED JOURNAL PUBLICATIONS AND ARTICLES

"Mapping full field deformation of auxetic foams using digital speckle photography". F.P. Chiang, G. Uzer, Physica Status Solidi b (in press) (2008).

"Measuring Shape and Surface Strain of 3D Objects Using Digital Speckle Photography" F.P. Chiang, G. Uzer, Strain (in press) (2008).

CONFERENCE PROCEEDINGS AND PRESENTATIONS

"Brazilian Tests in Lamellar TiAl", F.P. Chiang, Y. Ding, A.Ho, A.H. Rosenberger, G. Uzer, Proceedings of the 2006 SEM Annual Conference & Exposition, St. Louis, Missouri USA June 4~7, 2006

"Crack Propagation in Lamellar TiAl Under Mode I Loading", F.P. Chiang, Y. Ding, A.Ho, A.H. Rosenberger, G. Uzer, Proceedings of the 2006 SEM Annual Conference & Exposition, St. Louis, Missouri USA June 4~7, 2006

"3-D Shape Measurement Using a Micro/Nano Speckle Method: SIEM", F.P. Chiang, G. Uzer, Proceedings of the 2006 SEM Annual Conference & Exposition, St. Louis, Missouri USA June 4~7, 2006

"Crack Tip Behavior in TiAl When Approaching Grain Boundary", F.P. Chiang, Y. Ding, A.Ho, G. Uzer, 16th European Conference of Fracture, Failure Analysis of Nano and Engineering Materials and Structures, Alexandroupolis, Greece, July 3~7, 2006

"Auxetic Foam as a Core Material for Sandwich Panels" , Chiang, F.P, Uzer, G., 2007 SEM Annual Conference & Exposition, June 3 - 6, Springfield, Massachusetts USA, 2007

REFERENCES

1. [Fu-pen Chiang](#), Ph.D. (Distinguished Professor & Chair, Mechanical Engineering Department, SUNY@Stony Brook, New York)

2. [Chad Korach](#), Ph.D. (Assitant Professor, Mechanical Engineering Department, SUNY@Stony Brook, New York)

3. [StefanJudex](#), Ph.D. (Associate Professor, Biomedical Engineering Department, SUNY@Stony Brook, New York)