

## Prof. MELTEM SERİN

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### International Researcher IDs

ScopusID: 35286059100

Yoksis Researcher ID: 164305

### Foreign Languages

English, C1 Advanced

### Advising Theses

SERİN M., SEARCHES FOR SUPERSYMMETRY AT THE HIGH-LUMINOSITY LHC, Postgraduate, G.YEŞİLYURT(Student), 2018

ZEYREK M. T., SERİN M., Search for  $Z'$  via forward backward asymmetry in dielectron channel with the CMS detector at the large hadron collider, Postgraduate, M.ÖZGÜR(Student), 2012

SERİN M., Discovery potential of quantum black holes in ADD model with the CMS detector, Doctorate, H.GAMSIZKAN(Student), 2011

SERİN M., Graviton induced monojet production in CMS within ADD type led, Postgraduate, U.EMRAH(Student), 2010

SERİN M., The controlled drift detector as an x-ray imaging device for diffraction enhanced imaging, Postgraduate, Ç.ÖZKAN(Student), 2009

SERİN M., Measurement of SM electro-weak parameters in reactor antineutrino-electron scattering in TEXONO experiment, Doctorate, M.DENİZ(Student), 2007

SERİN M., Ratlarda radyoterapiye bağlı akciğer hasarını önlemede melatoninin etkinliği, Expertise In Medicine, H.GÜLBAŞ(Student), 2005

SERİN M., Measurement of (anti-) neutrino-nucleon structure functions in chorus experiment, Postgraduate, S.Kama(Student), 2005

SERİN M., A QCD analysis of high energy neutrino-nucleon interactions, Postgraduate, H.GAMSIZKAN(Student), 2003

SERİN M., Search for SM higgs decay with " $LL\nu\nu$ " final state at CMS experiment at LHC, Postgraduate, Ö.Ferruh(Student), 2001

SERİN M., Search for SM Higgs decay with two lepton+two neutrinos final state at CMS experiment at LHC, Postgraduate, Ö.FERRUH(Student), 2001

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Constraints on nonstandard neutrino interactions and unparticle physics with  $(\nu)$  over bar  $(e)-e(-)$  scattering at the Kuo-Sheng nuclear power reactor**  
Deniz M., Bilmis S., Yildirim I. O., Li H. B., Li J., Liao H. Y., Lin C. W., Lin S. T., SERİN M., Singh V., et al.  
PHYSICAL REVIEW D, vol.82, no.3, 2010 (SCI-Expanded)
- II. **Measurement of  $(\nu)$ over-bar $(e)$ -electron scattering cross section with a CsI(Tl) scintillating crystal array at the Kuo-Sheng nuclear power reactor**

Deniz M., Lin S. T., Singh V., Li J., Wong H. T., Bilmis S., Chang C. Y., Chang H. M., Chang W. C., Chen C. P., et al.  
PHYSICAL REVIEW D, vol.81, no.7, 2010 (SCI-Expanded)

III. **Energy resolution and the linearity of the CMS forward quartz fibre calorimeter pre-production-prototype (PPP-1)**

Ayan A., Akchurin N., Akgun U., Anderson E., Bagoly Z., Bencze G., Bruecken P., Debreczeni G., Dumanoglu I., Eskut E., et al.

JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, vol.30, no.12, 2004 (SCI-Expanded)

IV. **Radiation-hardness studies of high OH- content quartz fibres irradiated with 500 MeV electrons**

Dumanoglu I., Akchurin N., Akgun U., Ayan S., Bruecken P., Eskut E., Fenyvesi A., Topkasu A., Koca N., Makonyi K., et al.

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, vol.490, no.3, pp.444-455, 2002 (SCI-Expanded)

## Metrics

Publication: 4

Citation (WoS): 294

Citation (Scopus): 313

H-Index (WoS): 4

H-Index (Scopus): 4

## Non Academic Experience

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