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## **Respiratory Rate Monitoring Using Multimode Fibre Specklegram Sensor**

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We demonstrated a multimode fibre specklegram sensor for noninvasive respiratory rate monitoring on a hospital mattress using deep learning.

**Author:** SARKAR, Md Nazmul Islam (University of South Australia)

**Co-authors:** Mr KILPATRICK, Adam (Adelaide Nursing School, The University of Adelaide); LANCASTER, David; NGUYEN, Linh Viet (University of South Australia); WARREN-SMITH, Stephen

**Presenter:** SARKAR, Md Nazmul Islam (University of South Australia)

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