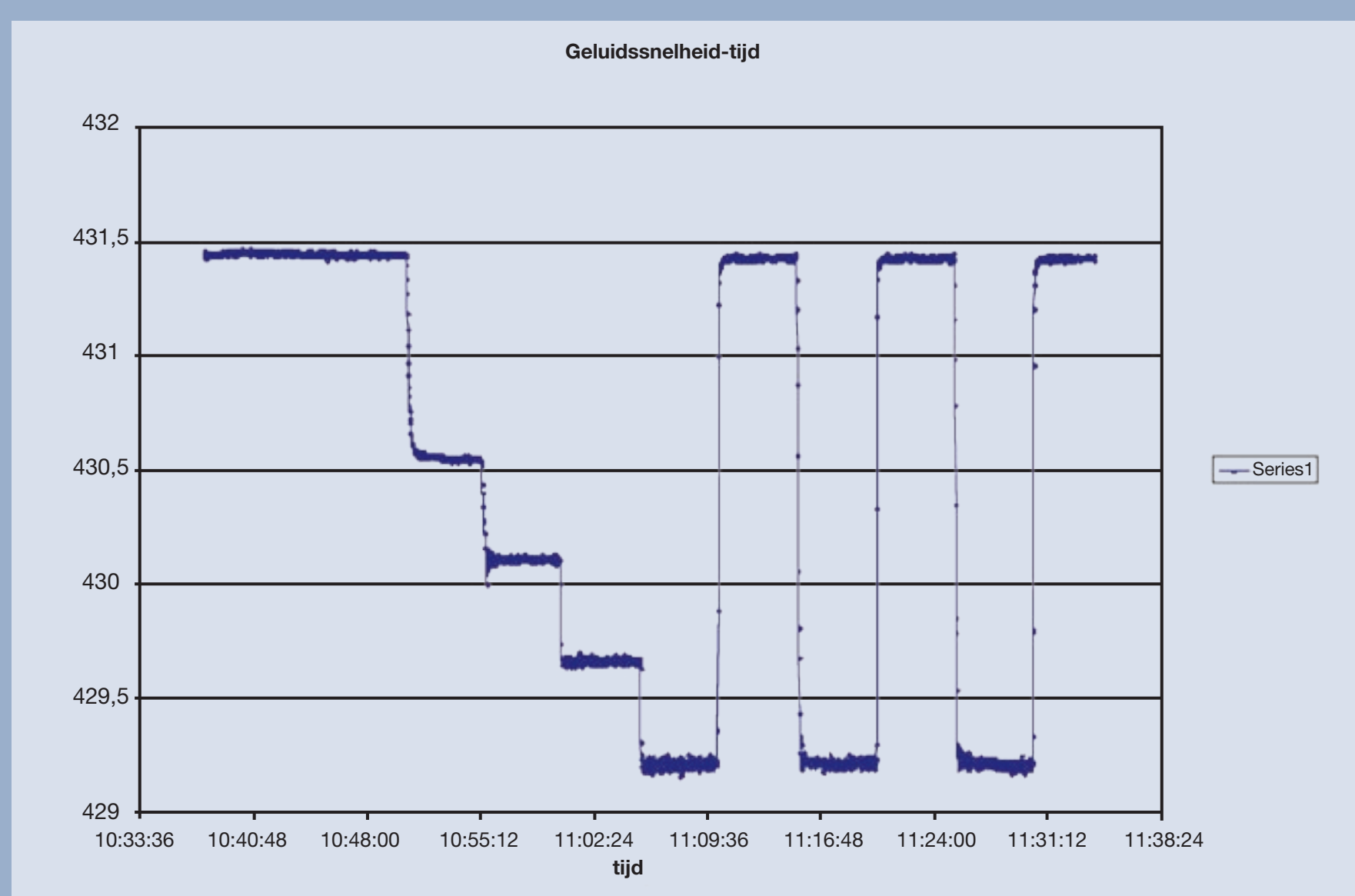
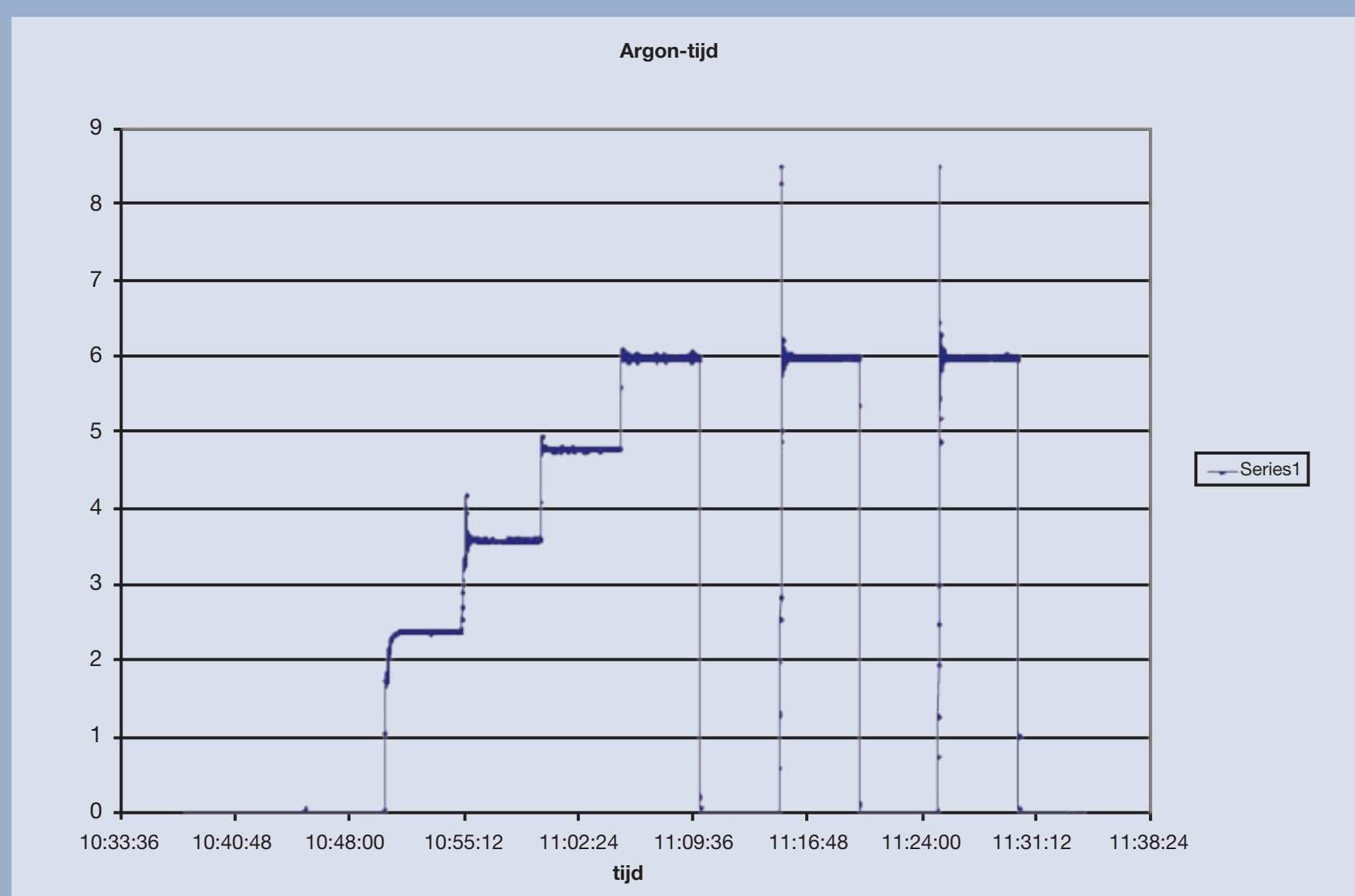


Development of a tool for in-situ checking of flowmeters.

Based on a tracer method.



$$Q_{\text{gasm}} = Q_{\text{tr}} / X_{\text{tr}}$$



- Tracer method developed by KEMA, by order of Gasunie
- Quick on-line check for gas flowmeter with < 0.5% uncertainty (mass basis)
- Injection of argon as tracer
- Suitable for (periodical) checking of fiscal and process flowmeters
- Suitable for checking 'suspicious' meters
- Low cost method without interruption of the process
- Field test end 2009
- Market introduction expected 2010 / 2011