

## Enter award

All manufacturers exhibiting at this year's CMS cleaning exhibition in Berlin are invited to enter the CMS Purus Awards for 2015.

There are five categories: Machines, Equipment, Washroom Hygiene, Management Systems and Software and Brand Communication. The judging panel will evaluate each entry on its design, function and innovation credentials.

Deadline for entries is May 22 and entry forms can be downloaded at [www.cms-berlin/CMSPurusAward](http://www.cms-berlin/CMSPurusAward)

- Il risultato di ricerche commissionate par l'European Tissue Symposium (ETS) que l'emploi de serviettes à usage unique pour le séchage des mains fait diminuer la dispersion et la contamination microbienne de l'air ambiant.

- Tous les exposants au CMS 2015 de Berlin sont invités à s'inscrire aux Purus Awards d'innovation.

## Single-use towels most hygienic - ETS study

New research commissioned by the European Tissue Symposium (ETS) and carried out by the University of Westminster in the UK has concluded that drying hands with single-use towels shows a lower level of airborne microbe dispersal and contamination.

The study looked at the potential for microbial contamination from hand drying and the potential risks for airborne microbe dispersal, particularly if hand washing is sub optimal. Four different hand drying methods and three different test models were

used to determine differences between the drying methods and their capacity to disperse microbes on the hands of users to other occupants and into the washroom environment.

### Three test models

Paper towels, a textile roller towel, a warm air dryer and a jet air dryer were compared using three different test models: acid indicator with lemon juice, yeast, and bacterial transmission from hands when washed without soap. The peer-reviewed study was published in the March 2015 edition of the Journal of

Hospital Infection.

A jet air dryer dispersed liquid from users' hands further and over a greater range – up to 1.5 metres – than other hand drying methods. The jet air dryer also led to the greatest dispersal of microbes into the air at both near and far distances for each of the tested models.

At a distance of 0.2 metres jet air dryers resulted in 67 colonies compared with 6.5 for paper towels. At a distance of 1.5 metres the jet air dryer recorded 11.5 colonies of yeast compared to zero for paper towels.

[www.europeantissue.com](http://www.europeantissue.com)

- Aus einer vom European Tissue Symposium (ETS) in Auftrag gegebenen Untersuchung geht hervor, dass das Trocknen der Hände mit Einwegtüchern weniger infektiöse Streuung und Luftverunreinigungen verursacht.

- Die Aussteller der im September in Berlin stattfindenden CMS 2015 sind dazu eingeladen, sich mit ihren Produkten und Lösungen für den Purus Award zu bewerben.

- Il sondaggio commissionato dall'European Tissue Symposium (ETS) raggiunge le conclusioni che asciugare le mani con gli asciugamani monouso abbassa i livelli di dispersione e contaminazione da microbi portati dall'aria.

- Tutti gli espositori dell'edizione di quest'anno della fiera CMS di Berlino sono invitati a iscriversi ai Purus awards per l'innovazione.

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