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Authors: Colin Brown, Clive Davies, Nicola Brown, Tony Paterson

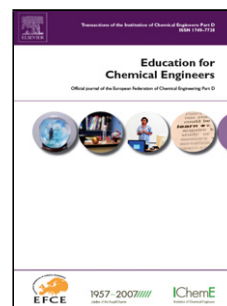
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## **Sieving the Class: Teaching Particle Size Distributions and Analysis**

Colin Brown, Clive Davies, Nicola Brown\*, Tony Paterson

School of Engineering and Advanced Technology, Massey University, Private Bag 11 222,  
Palmerston North 4442, New Zealand.

Email addresses: brown.col@gmail.com; C.Davies@massey.ac.nz; N.Brown@massey.ac.nz;  
A.J.Paterson@massey.ac.nz

\*Corresponding author phone number: +64 6 951 7153

### **Highlights**

- An interactive method teaching particle size analysis by ‘people sieving’ is presented
- Sieves are constructed by students using cheap and readily available PVC tubing
- Sizes and numbers of sieves are chosen by students based on discussions in class
- People distributions are drawn from student-led ‘people sieving’
- Effects of sieving time and people particle shapes are presented

### **ABSTRACT**

Some engineering subjects, while mathematically straightforward, can be conceptually difficult for students to understand. Traditional lecture methods using textbooks and PowerPoint point slides, while popular with some lecturers, are not always the best teaching tool when critical concepts require embedding. In this paper we consider the development of a

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