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Fernandez Rivas, D. & Piedra Diaz, M., 2005, In: Ingeniería mecánica. 8, 3, p. 1-10

Tracer experimental techniques for CFD model verification and validation in sugar crystallizer
Fernández Rivas, D. & Amor Coarasa, A., Nov 2004, Integration of tracing with computational fluid dynamics for industrial process investigation: Final report of a co-ordinated research project 2001-2003. International Atomic Energy Agency (IAEA), p. 67-83

Tracer experimental techniques for CFD model verification and validation in sugar crystallizer
Griffith, J., Borroto, J., Dominguez, J., Derivet, M., Cuesta, J., Flores, P., Fernandez Rivas, D., Amor, A. & Franklin, B., 2004, Integration of tracing with computational fluid dynamics for industrial process investigation: final report of a co-ordinated research project. IAEA, p. 67-83 228 p. (IAEA-TECDOC; vol. 1412).

Activities
Andrew Dickerson
Fernandez Rivas, D. (Host)
Jan 2022 → …

Global Young Academy (External organisation)
Fernandez Rivas, D. (Chair)
2020 → 2025

Mesoscale Chemical Systems (Organisational unit)
Fernandez Rivas, D. (Chair)
2020

Cost Action CA18224 - Green Chemical Engineering Network towards upscaling sustainable processes (External organisation)
Fernandez Rivas, D. (Chair)
Nov 2019 → Nov 2023

Process Intensification Network NL (PIN NL) (External organisation)
Fernandez Rivas, D. (Chair)
2017

Localized removal of layers of metal, polymer of biomaterial by ultrasound cavitation microbubbles
Verhaagen, B. (Speaker), Fernandez Rivas, D. (Speaker), Gardeniers, J. G. E. (Speaker), Versluis, M. (Speaker) & Lohse, D. (Speaker)
1 Dec 2012

High-speed fluorescence imaging
Gelderblom, E. C. (Speaker), Wolbers, F. (Speaker), Luan, Y. (Speaker), Kooiman, K. (Speaker), Lentacker, I. (Speaker), De Witte, H. (Speaker), Geers, B. (Speaker), Verhaagen, B. (Speaker), Sleutel, P. (Speaker), Zijlstra, A. G. (Speaker), Fernandez Rivas, D. (Speaker), de Jong, N. (Speaker) & Versluis, M. (Speaker)
12 Jan 2012

High-speed fluorescence imaging
Gelderblom, E. C. (Speaker), Wolbers, F. (Speaker), Luan, Y. (Speaker), Kooiman, K. (Speaker), Lentacker, I. (Speaker), De Witte, H. (Speaker), Geers, B. (Speaker), Verhaagen, B. (Speaker), Sleutel, P. (Speaker), Zijlstra, A. G. (Speaker), Fernandez Rivas, D. (Speaker), de Jong, N. (Speaker) & Versluis, M. (Speaker)
12 Jan 2012
Press/Media

A Dutch Scientist Has Invented Needle-Free Injections
Fernandez Rivas, D.
19/10/21
1 item of Media coverage

Are you afraid of an injection?
Fernandez Rivas, D.
19/10/21
1 Media contribution

Bang voor een prik? Deze onderzoeker wil medicijnen met een laser inspuiten
Fernandez Rivas, D.
6/03/20
1 Media contribution

Best tech idea 2017
Fernandez Rivas, D.
16/11/17
1 Media contribution

BNR Radio Interview over Needle-free technology
Fernandez Rivas, D.
8/05/19
1 Media contribution

Bubble guns and the Japanese subway
Fernández Rivas, D.
21/10/22
1 Media contribution

Cover of prestigious Energy & Environmental Science Journal
Fernandez Rivas, D.
17/10/18
1 item of Media coverage

¿Cuáles deberían ser las habilidades de los futuros ingenieros?
Fernandez Rivas, D.
8/06/22
1 Media contribution

David Fernandez Rivas en Cathy van Beek over injecteren zonder naalden
Fernandez Rivas, D.
23/03/21
1 Media contribution

De ongekende kracht van belletjes
Fernandez Rivas, D.
15/03/17
1 Media contribution

Digitale uitreiking zevende Prins Friso Ingenieursprijs
Fernandez Rivas, D.
17/03/21
1 Media contribution
Doodsbang voor prikken? Het kan straks zonder naald
Fernandez Rivas, D.
10/03/20
1 Media contribution

Ecco il tatuaggio senza aghi, indolore e inteligente
Fernandez Rivas, D.
11/06/19
1 item of Media coverage

Een op de vijf Nederlanders is bang voor naalden
Fernandez Rivas, D.
18/08/21
1 item of Media coverage

Eén spuit en het licht gaat uit
Fernandez Rivas, D.
9/01/21
1 item of Media coverage

Empathy: Enabling students to be entrepreneurs
Fernandez Rivas, D.
31/03/22
1 Media contribution

High-speed camera captures a water jet's splashy impact as it pierces a droplet
Fernandez Rivas, D., Quetzeri Santiago, M. A. & Hunter, I.
18/08/21
1 item of Media coverage

Impact of a microfluidic jet on a pendant droplet
Fernández Rivas , D., Quetzeri Santiago, M. A., van der Meer, D. & Hunter, I. W.
18/11/22
2 Media contributions

Ingeniero cubano es candidato al premio Príncipe Friso de Ingeniería
Fernandez Rivas, D.
14/03/21
1 item of Media coverage

Ingenieur van het jaar David Fernandez Rivas: ‘Erkenning van de samenleving’
Fernandez Rivas, D.
18/03/21
1 item of Media coverage

Injecting without fear
Fernández Rivas, D. & van der Ven, D. L.
23/11/22
1 Media contribution

Injecting without needies
Fernandez Rivas, D.
5/05/21
1 Media contribution
Injecting without needles on Dutch National TV
Fernandez Rivas, D. & Schoppink, J. J.
5/05/21
1 Media contribution

Interview Ahora con Oscar Haza
Fernandez Rivas, D.
19/03/21
1 Media contribution

Interview to BuBble Gun team
Fernandez Rivas, D., van der Ven, D. L. & Schoppink, J. J.
10/03/20
1 Item of Media coverage

Inyecciones sin agujas: el proyecto candidato a premio de un ingeniero cubano
Fernandez Rivas, D.
9/03/21
1 Media contribution

Inyectar sin agujas: la solución de un cubano y su equipo en los Países Bajos
Fernandez Rivas, D.
3/03/21
1 Item of Media coverage

I want to remain relevant
Fernandez Rivas, D.
22/10/21
1 Item of Media coverage

Laser powers needle-free microjet injection
Fernandez Rivas, D.
23/04/19
1 Media contribution

Lecture in Universiteit van Nederland
Fernandez Rivas, D.
8/02/21
1 Media contribution

Lichtgevende tatoeage als waarschuwing
Fernandez Rivas, D.
4/03/21
1 Media contribution

LJUSGLIMTAR: Se lasersprutan som ska bota spruträdsla
Fernandez Rivas, D.
29/10/21
1 Item of Media coverage

Microjets and Needle-Free Injection
Fernandez Rivas, D., Quetzeri Santiago, M. A. & van der Meer, D.
8/09/21
1 Item of Media coverage
Naaldloos injecteren: het kan
Fernandez Rivas, D. & Milovich, L.
6/05/21
1 Media contribution

Needle-free injections could become a reality, thanks to lasers and the 'bubble gun'
Fernandez Rivas, D., Milovich, L. & Schoppink, J. J.
18/10/21
1 Item of Media coverage

Nieuwe pleister brengt ons dichter bij draagbare, alles-in-één gezondheidsmeter
Fernandez Rivas, D.
21/02/21
1 Media contribution

No needle, doc!
Fernandez Rivas, D.
12/03/21
1 Item of Media coverage

No needle, doc!
Fernandez Rivas, D.
12/03/21
1 Media contribution

Opening up a path for solar energy
Fernandez Rivas, D.
16/10/18
1 Item of Media coverage

Our skin is a platform
Fernandez Rivas, D.
21/03/19
1 Media contribution

Plots staat Cuba bovenaan in de coronagrafieken, artsen luiden noodklok om tekorten
Fernandez Rivas, D.
19/08/21
1 Media contribution

Prik angst (fear of injections)
Fernandez Rivas, D. & Versluis, M.
3/03/21
1 Media contribution

Prikken zonder naald: zuiniger en minder pijnlijk
Fernandez Rivas, D. & Quetzeri Santiago, M. A.
6/04/22
1 Item of Media coverage

Radio NPO1 interview
Fernandez Rivas, D.
15/03/20
1 Media contribution
'Slim shirt' houdt het hart in de gaten
Fernandez Rivas, D.
2/09/21
1 Media contribution

Sobre inyecciones sin agujas - interview - needle-free injections
Fernandez Rivas, D.
21/10/21
1 Media contribution

Spreading entrepreneurial ambitions from an academic perspective
Fernandez Rivas, D.
26/04/17
1 item of Media coverage

SPUITJE ZONDER PRIK; HIER KOMT DE NAALDLOZE INJECTIE
Fernandez Rivas, D.
6/05/19
1 Media contribution

Stembussen beste tech-idee 2017 zijn gesloten!
Fernandez Rivas, D.
15/09/17
1 item of Media coverage

Straaltje vloeistof doorboort druppel
Fernandez Rivas, D. & Quetzeri Santiago, M. A.
16/08/21
1 Media contribution

Tubantia Special coverage
Fernandez Rivas, D.
15/04/19
1 item of Media coverage

UT hoofddocent met injectie zonder naald genomineerd voor Prins Friso Prijs
Fernandez Rivas, D.
13/03/21
1 item of Media coverage

Vaccineren zonder naald: een perfecte vinding van UT-docent, maar het kan nog nét niet
Fernandez Rivas, D.
18/02/21
1 item of Media coverage

Van druppel naar toepassing
Fernandez Rivas, D. & Lohse, D.
17/11/22
1 Media contribution
'Virtually painless' needle-free injections developed in Netherlands
Fernandez Rivas, D., Milovich, L. & Schoppink, J. J.
13/10/21
1 Media contribution

Why empathy can make you a better entrepreneur
Fernandez Rivas, D.
9/06/22
1 Media contribution

Zweetverzamelende pleister kijkt truc af van cactusstekels
Fernandez Rivas, D.
10/11/21
1 Media contribution

Awards
NWO VIDI Grant
Fernández Rivas, D. (PI)
Nederlandse Organisatie voor Wetenschappelijk Onderzoek: €800,000.00

Projects