

PIDs and Metadata





[https://orcid.org/
0000-0002-1201-3114](https://orcid.org/0000-0002-1201-3114)

Is this you? [Sign in to start editing](#)

[Printable version](#)

Name

Bruce Wayne

[Collapse all](#)

Activities

[Sort](#)

▼ Employment (3)

Keywords ▶

Vigilance and Nightly Motion Lecturer,
CEO & Co-Owner of Wayne Enterprises,
Wayne Foundation, Philanthropist

Countries ▶

USA

Institute for Vigilance and Nightly Motion - Justice League: Gotham City, New Jersey, USA

1955-08-15 to present | Research Associate, Lecturer in Nightly Motion
Employment

[Show more detail](#)

Source: Bruce Wayne

Wayne Enterprises: Gotham City, New Jersey, USA

1939-03-30 to present | CEO, Co-Owner
Employment

[Show more detail](#)

Source: Bruce Wayne

Wayne Foundation Gotham City, New Jersey, USA

1945-04-01 to present | General Secretary
Employment

[Show more detail](#)



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[Show more detail](#)



The **ORCID ID** is a **unique** and **persistent**
identifier for researchers, that comes with a
set of professionally relevant information
about the person.



To link your ORCID iD to your existing profile

Profile services

	<p>The ORCID iD: a unique, persistent identifier free of charge to researchers</p>
	<p>An ORCID record connected to the ORCID iD, and</p>
	<p>A set of Application Programming Interfaces (APIs), as well as the services and support of communities of practice that enable interoperability between an ORCID record and member organizations so researchers can choose to allow connection of their iD with their affiliations and contributions</p>

2008-2010 to present | ORCID, Inc. General Employment

Show more detail

Source:  View More

Wayne Foundation | Somerville, New Jersey, USA

2008-2010 to present | General Secretary Employment

Show more detail





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Name

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Activities

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▼ Employment (3)

Keywords ▶

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Countries ▶

USA

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Employment

[Show more detail](#)

Source: Bruce Wayne

Wayne Enterprises: Gotham City, New Jersey, USA

1939-03-30 to present | CEO, Co-Owner
Employment

[Show more detail](#)

Source: Bruce Wayne

Wayne Foundation Gotham City, New Jersey, USA

1945-04-01 to present | General Secretary
Employment

[Show more detail](#)



PIDs can be used as identifiers

"creator" : "https://orcid.org/0000-0002-1201-3114"

ORCID Metadata

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1  "creator": {
2    "given-names": "Bruce",
3    "family-name": "Wayne",
4    "credit-id": "Bruce Wayne",
5    "titles": "None",
6    "researcher-url": [
7      {
8        "type": "researcher-url",
9        "uri": "https://www.dccomics.com/batman",
10       "uri-name": "Justice League"
11     },
12     {
13       "type": "researcher-url",
14       "uri": "https://twitter.com/Batman",
15       "uri-name": "Twitter"
16     }
17   ],
18   "email": [
19     "wayne@wayne-enterprises.com",
20     "wayne@justice-league.org",
21     "address": {
22       "country": "USA",
23       "state": "New Jersey",
24       "city": "Gotham City",
25       "ZIP-code": "668982",
26       "street": "Wayne Rd 1"
27     }
28   ],
29   "employment": [
30     {
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32       "start-date": "1940",
33       "end-date": "1955",
34       "year": 1945,
35       "month": 15,
36       "day": 15
37     },
38     {
39       "organization": {
40         "name": "Justice League",
41         "address": {
42           "city": "Gotham City",
43           "region": "New Jersey",
44           "country": "USA",
45           "distinguished-organization-identifier": "https://ror.org/05119"
46         }
47       }
48     }
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51     "name": "Wayne Enterprises",
52     "address": {
53       "city": "Gotham City",
54       "region": "New Jersey",
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61     "year": 1939,
62     "month": 05,
63     "day": 30
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67     "address": {
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74   "department-name": "Executive Office",
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76     "year": 1945,
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78     "day": 15
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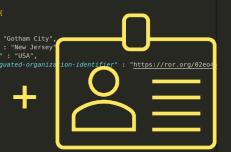
PIDs can be used as identifiers

"creator" : "https://orcid.org/0000-0002-1201-3114"

ORCID Metadata



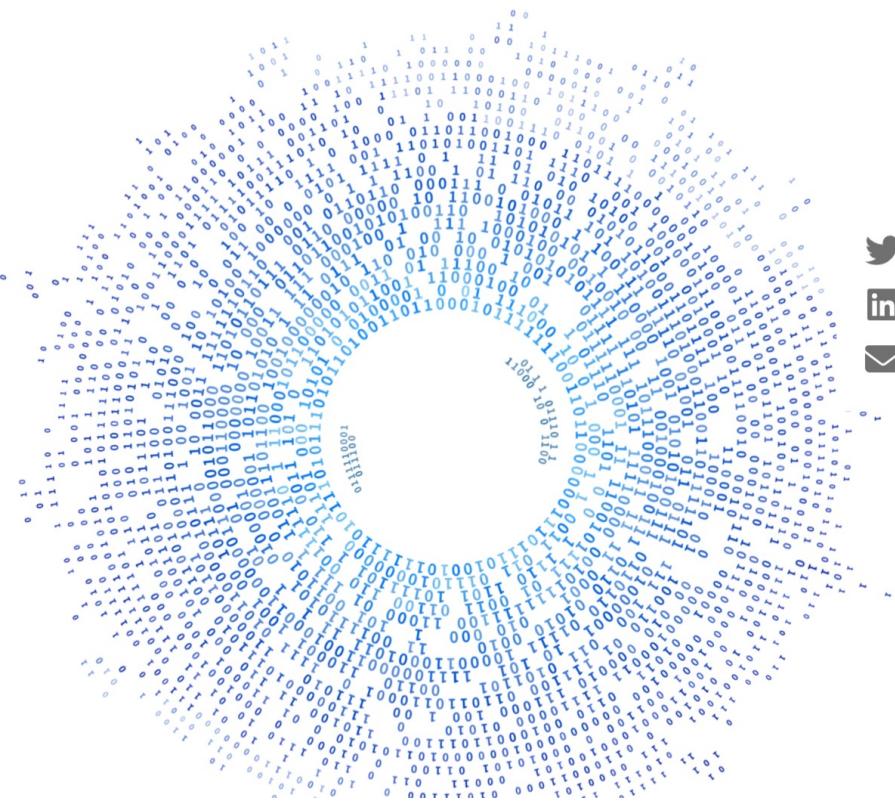
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3    "family-name": "Wayne",
4    "credit-id": "Bruce Wayne",
5    "titles": "None",
6    "researcher-url": [
7      {
8        "type": "researcher-url",
9        "uri": "https://www.dccomics.com/batman",
10       "uri-name": "Justice League"
11     },
12     {
13       "type": "researcher-url",
14       "uri": "https://twitter.com/Batman",
15       "uri-name": "Twitter"
16     }
17   ],
18   "email": [
19     "bwayne@wayne-enterprises.com",
20     "bwayne@justice-league.org",
21     "address": {
22       "country": "USA",
23       "state": "New Jersey",
24       "city": "Gotham City",
25       "ZIP-code": "68892",
26       "street": "Wayne Rd 1"
27     },
28   ],
29   "employment": [
30     {
31       "department-name": "Institute for Vigilance and Nightly Motion",
32       "start-date": "1939",
33       "end-date": "1955",
34       "year": 1945,
35       "month": 15,
36     },
37     {
38       "organization": {
39         "name": "Justice League",
40         "address": {
41           "city": "Gotham City",
42           "region": "New Jersey",
43           "country": "USA",
44           "distinguished-organization-identifier": "https://ror.org/05119"
45         }
46       }
47     }
48   ],
49   "organizations": [
50     {
51       "department-name": "Board of leaders",
52       "start-date": {
53         "year": 1939,
54         "month": 15,
55         "day": 30
56       },
57       "organization": {
58         "name": "Wayne Enterprises",
59         "address": {
60           "city": "Gotham City",
61           "region": "New Jersey",
62           "country": "USA",
63           "distinguished-organization-identifier": "https://ror.org/04et50"
64         }
65       }
66     },
67     {
68       "department-name": "Executive Office",
69       "start-date": {
70         "year": 1945,
71         "month": 15,
72         "day": 1
73       },
74       "organization": {
75         "name": {
76           "type": "Organization"
77         },
78         "address": {
79           "city": "Gotham City",
80           "region": "New Jersey",
81           "country": "USA",
82           "distinguished-organization-identifier": "https://ror.org/02es0"
83         }
84       }
85     }
86   ]
87 }
```



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PIDs can be used as identifiers

"creator" : "https://orcid.org/0000-0002-1201-3114"

ORCID Metadata

```
1 "creator": {
2   "name": {
3     "given_name": "Bruce",
4     "family_name": "Wayne",
5     "ORCID": "https://orcid.org/0000-0002-1201-3114",
6     "preferred_name": ""
7   },
8   "works": [
9     {
10       "type": "researcher-outf",
11       "uri": "https://www.dc.com/characters/batman",
12       "work_name": "Justice League"
13     },
14     {
15       "type": "researcher-outf",
16       "uri": "https://twitter.com/batman",
17       "work_name": "Twitter"
18     }
19   ],
20   "dates": [
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22       "work": "https://www.dc.com/characters/batman",
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24       "end": "2017-01-01T00:00:00Z"
25     }
26   ],
27   "employment": [
28     {
29       "organization": {
30         "name": "Institute for Vigilance and Highly Motion",
31         "address": "123 Gotham City",
32         "country": "USA",
33         "city": "Gotham City",
34         "zip_code": "100002",
35         "state": "New Jersey",
36         "name": "Bruce Wayne"
37       },
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39         "start": "1985-01-01T00:00:00Z",
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41       }
42     }
43   ],
44   "organizations": [
45     {
46       "name": "Justice League",
47       "address": "123 Gotham City",
48       "country": "USA",
49       "city": "Gotham City",
50       "zip_code": "100002",
51       "state": "New Jersey",
52       "name": "Bruce Wayne"
53     }
54   ]
55 }
```



When your **personal information changes** (e.g. new affiliation, new name, new contact), **the ORCID stays valid** and will resolve to the updated metadata record.



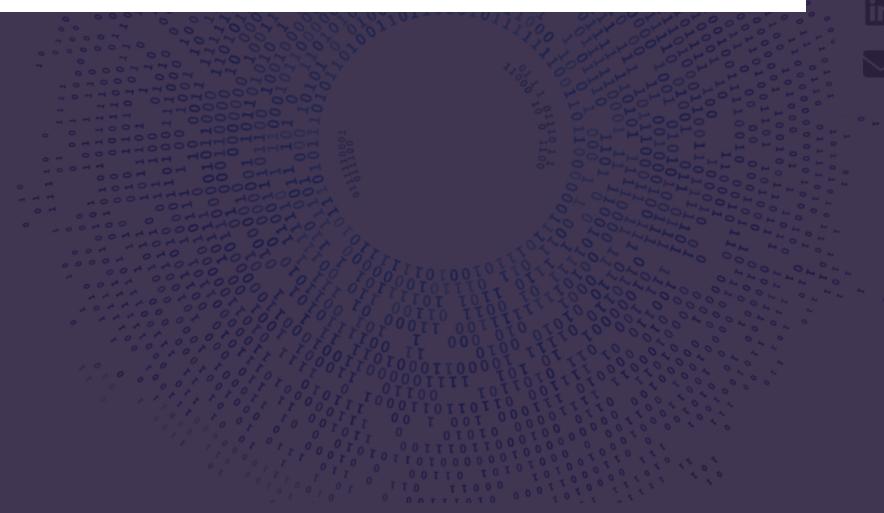
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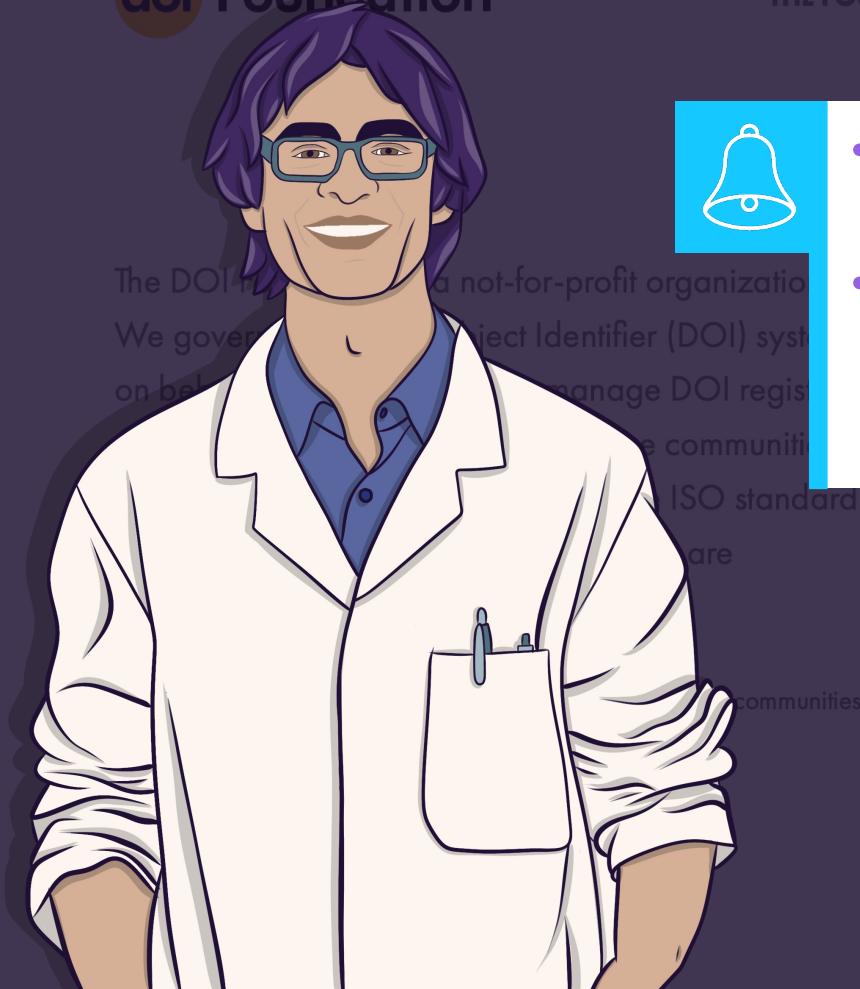
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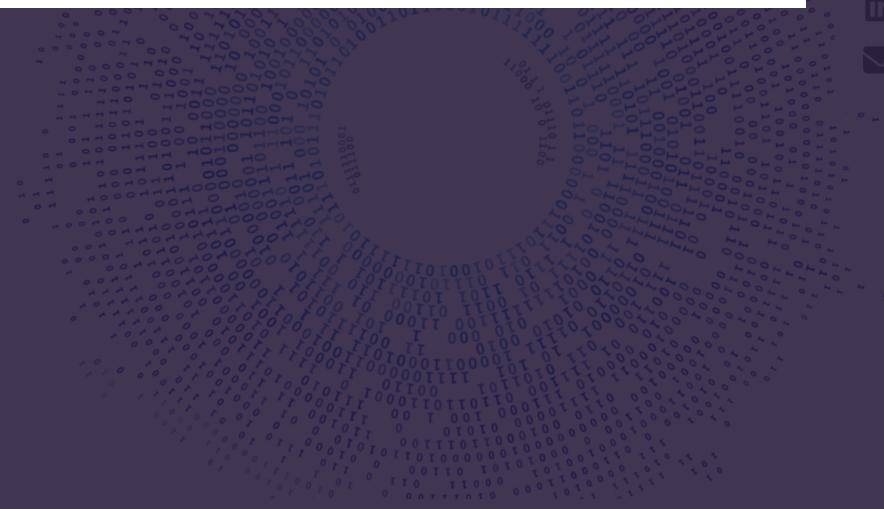
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- PIDs are **connected to metadata records** describing the resource and can be used to unambiguously identify objects on the Web





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and support the communities
ISO standard
are
communities

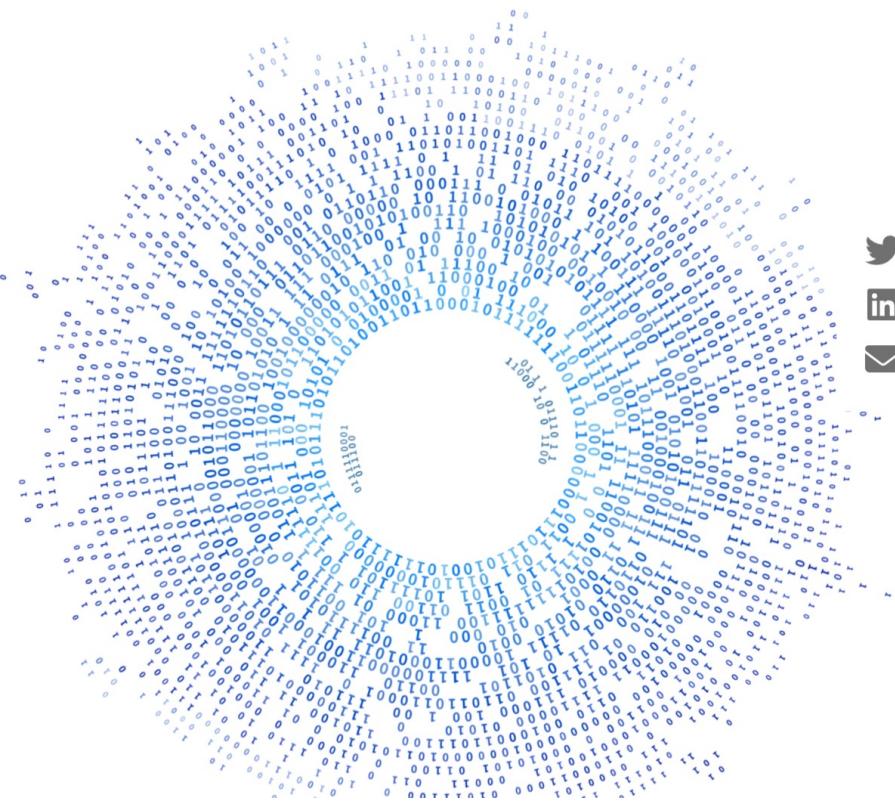
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Collective Motion of Humans in Mosh and Circle Pits at Heavy Metal Concerts

Jesse L. Silverberg,* Matthew Bierbaum, James P. Sethna, and Itai Cohen

Department of Physics and Laboratory of Atomic and Solid State Physics, Cornell University, Ithaca, New York 14853, USA
(Received 13 February 2013; published 29 May 2013)

Human collective behavior can vary from calm to panicked depending on social context. Using videos publicly available online, we study the highly energized collective motion of attendees at heavy metal concerts. We find these extreme social gatherings generate similarly extreme behaviors: a disordered gaslike state called a *mosh pit* and an ordered vortexlike state called a *circle pit*. Both phenomena are reproduced in flocking simulations demonstrating that human collective behavior is consistent with the predictions of simplified models.

DOI: [10.1103/PhysRevLett.110.228701](https://doi.org/10.1103/PhysRevLett.110.228701)

PACS numbers: 89.65.Ef, 47.32.-y, 87.15.Zg, 87.23.Cc

Human collective behaviors vary considerably with social context. For example, lane formation in pedestrian traffic [1], jamming during escape panic [2], and Mexican waves at sporting events [3] are emergent phenomena that have been observed in specific social settings. Here, we study large crowds (10^2 – 10^5 attendees) of people under the extreme conditions typically found at heavy metal concerts [4]. Often resulting in injuries [5], the collective mood is influenced by the combination of loud (130 dB [6]), fast

Fig. 2, the decay length was 0.39 ± 0.03 m, which is approximately human shoulder width. Taken together, these findings offer strong support for the analogy between mosh pits and gases. As a further check, we examined the 2D speed distribution. Previous observations of human pedestrian traffic and escape panic led us to expect a broad distribution not well described by simple analytic expressions [2,13]. However, the measured speed distribution in mosh pits was well fit by the 2D Maxwell-Boltzmann



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DOI Records

Demonstration



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12         ]
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15      "timestamp": 1697106281178
16    },
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18    "publisher": "American Physical Society (APS)",
19    "issue": "22",
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62  ],
63  "prefix": "10.1103",
64  "volume": "110",
65  "author": [
66    {
67      "given": "Jesse L.",
68      "family": "Silverberg",
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70      "affiliation": []
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73      "given": "Matthew",
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    ]
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PID Records

- are stored at the PID resolver
- hold machine-readable information
- support machine-actionability for interoperability

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  "sequence": "additional",
  "affiliation": []
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{
  "name": "John D. Sethna"
}

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Questions?



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Why Context Matters**

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You can find more information about this course on **Github**.



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